

p-value: 0.00011748

fdr-adjusted p-value: 0.018797

species: Bifidobacterium.[2]

BMI

ACUTE

CEED

FARGO

10.0

BMI

12.5

15.0

17.5

0

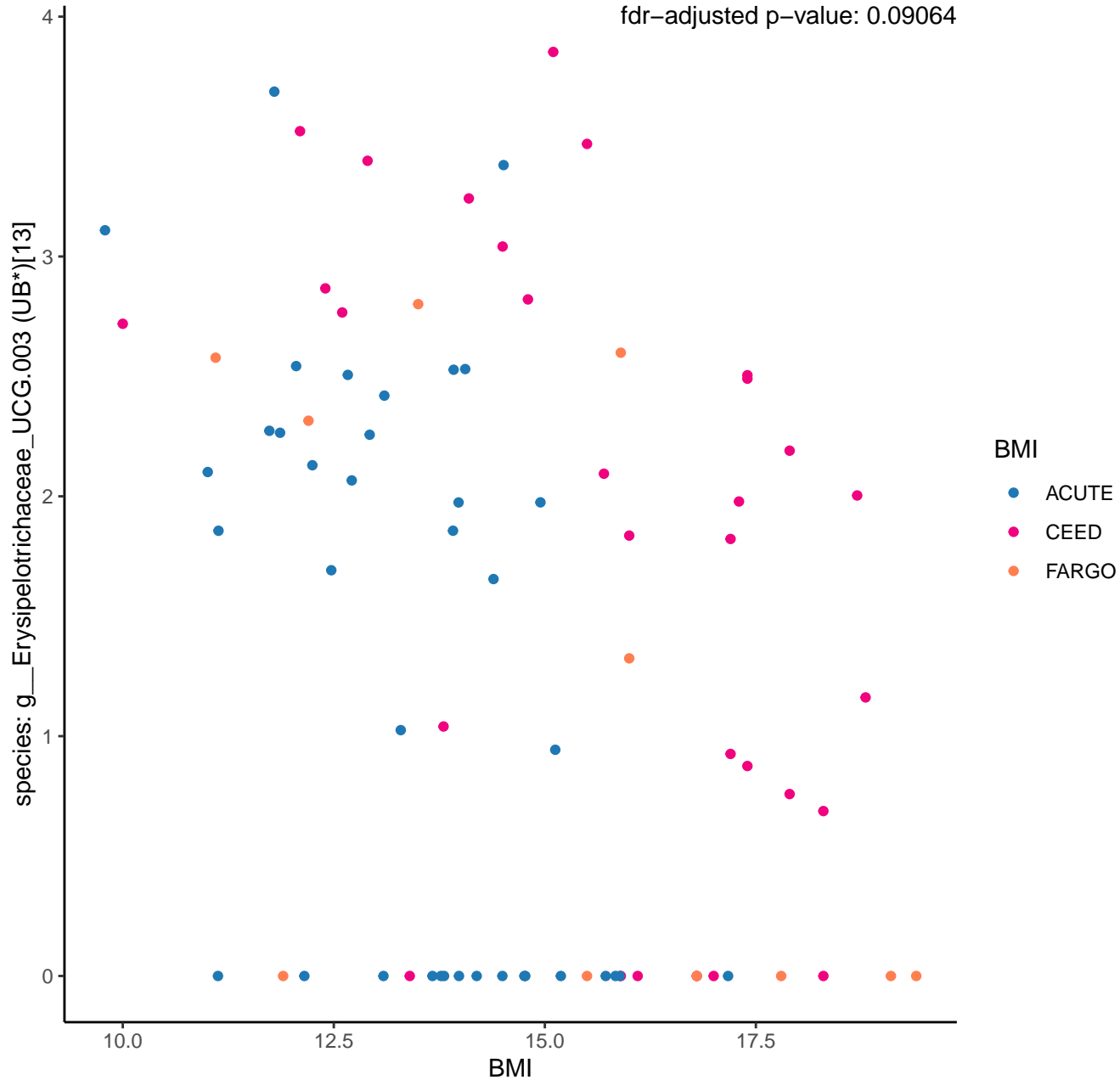
1

2

3

p-value: 0.0011413

fdr-adjusted p-value: 0.09064



p-value: 0.0018951

fdr-adjusted p-value: 0.09064

species: Parabacteroides.[29]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

12.5

15.0

17.5

0

1

2

3

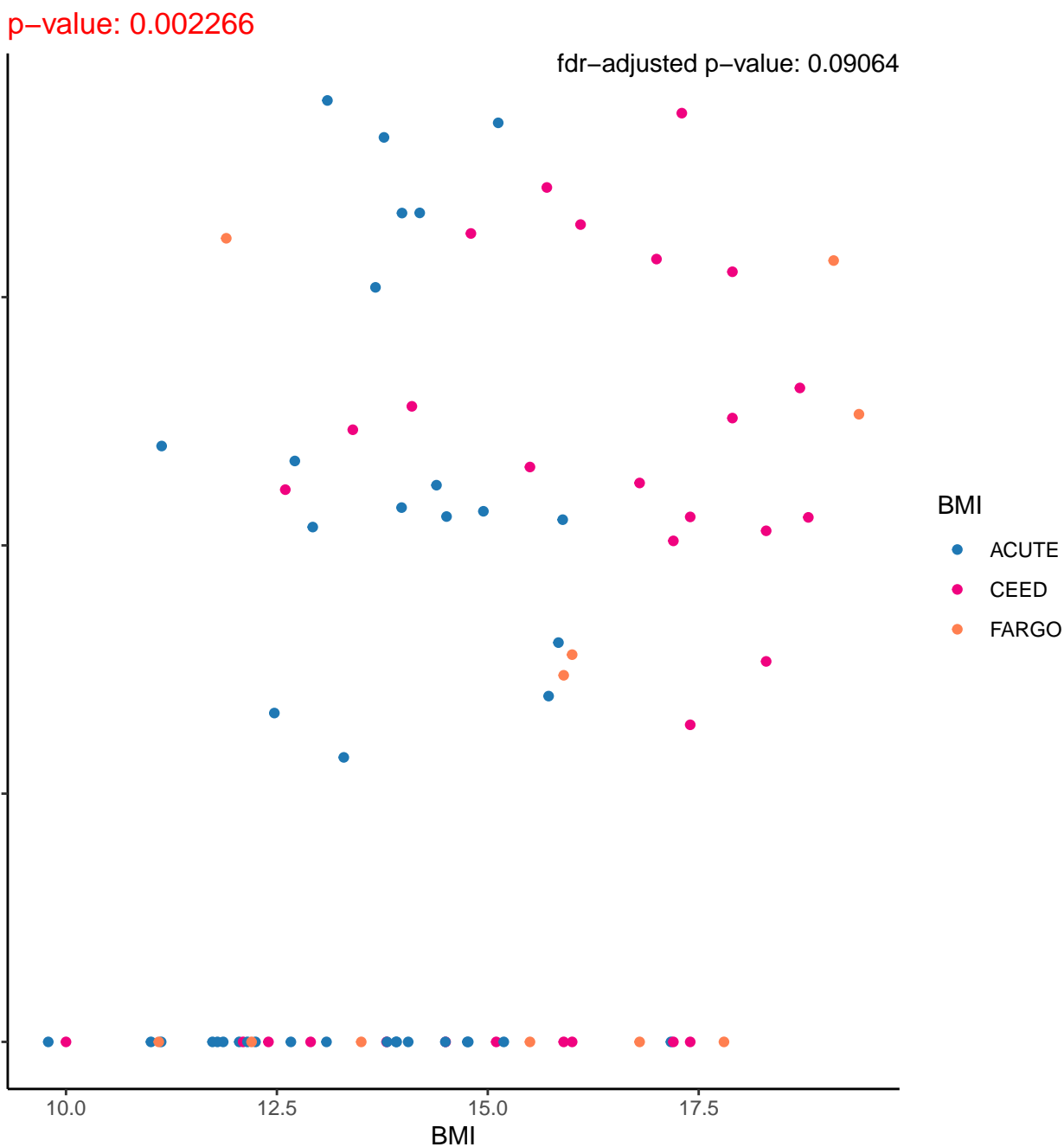
p-value: 0.002266

fdr-adjusted p-value: 0.09064

species: uncultured_organism[148]

BMI

ACUTE
CEED
FARGO



p-value: 0.0099488

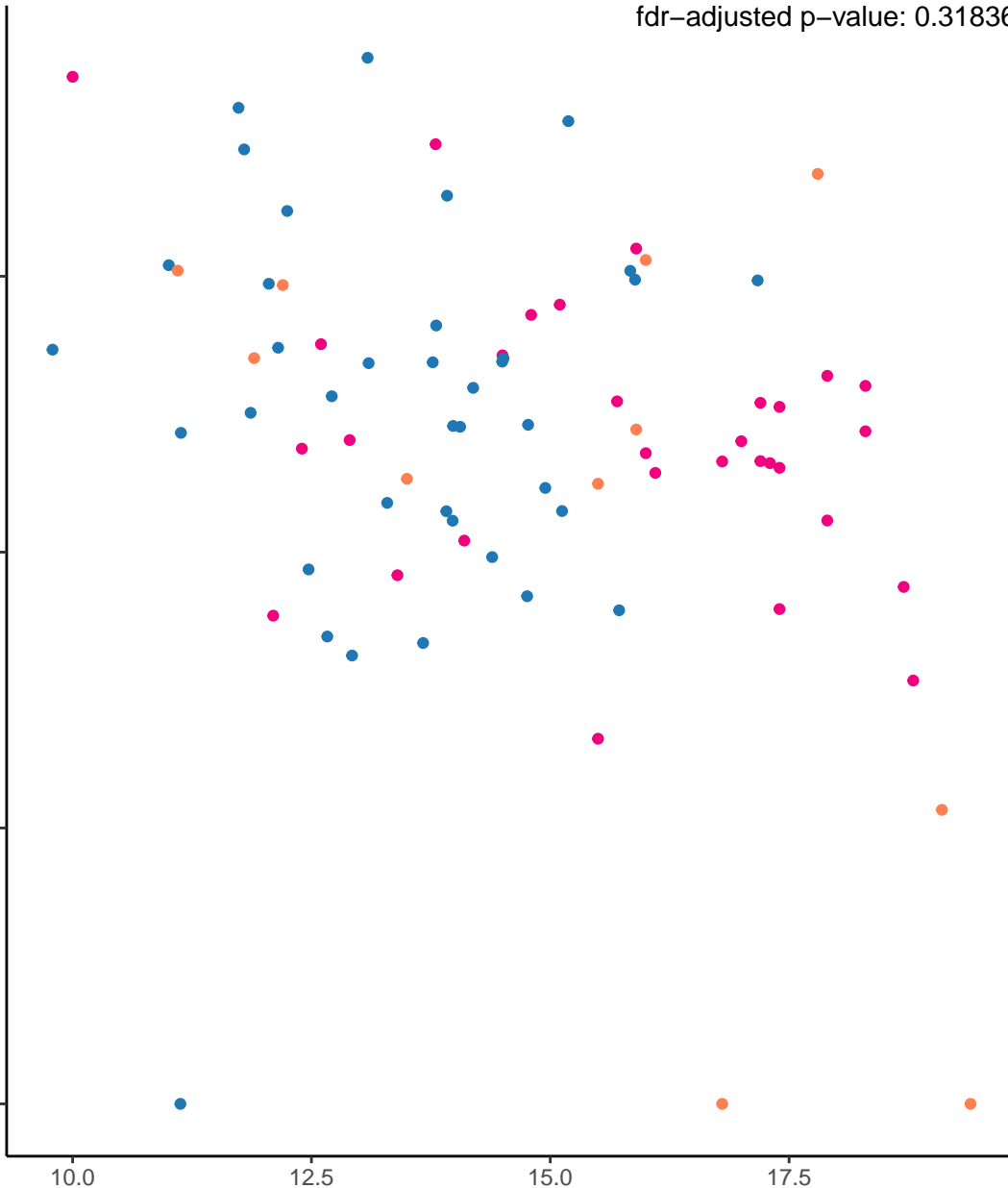
fdr-adjusted p-value: 0.31836

species: g__Blautia (UB*)[20]

BMI

ACUTE
CEED
FARGO

BMI



p-value: 0.014263

fdr-adjusted p-value: 0.37357

species: g__Anaerostipes (UB*)[24]

BMI

ACUTE
CEED
FARGO

10.0

BMI

12.5

15.0

17.5

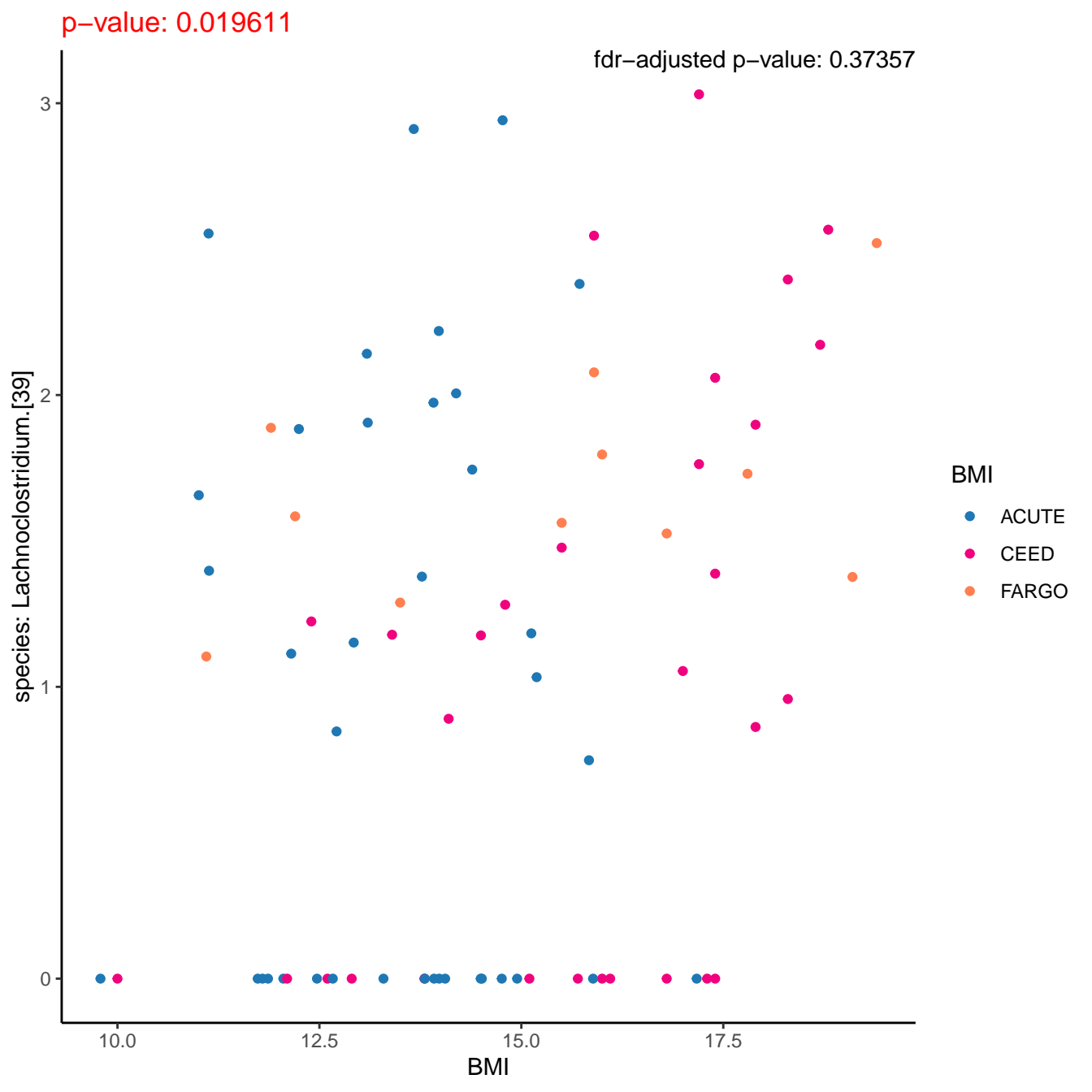
p-value: 0.019611

fdr-adjusted p-value: 0.37357

species: *Lachnospirillum*.[39]

BMI

ACUTE
CEED
FARGO



p-value: 0.020276

fdr-adjusted p-value: 0.37357

species: Blautia.[5]

BMI

ACUTE
CEED
FARGO

10.0

BMI

15.0

17.5

p-value: 0.024127

fdr-adjusted p-value: 0.37357

species: g__Faecalitalea (UB*)[9]

BMI

ACUTE

CEED

FARGO

10.0

BMI

15.0

17.5

0

1

2

p-value: 0.025471

fdr-adjusted p-value: 0.37357

species: Eisenbergiella.[68]

BMI

ACUTE
CEED
FARGO

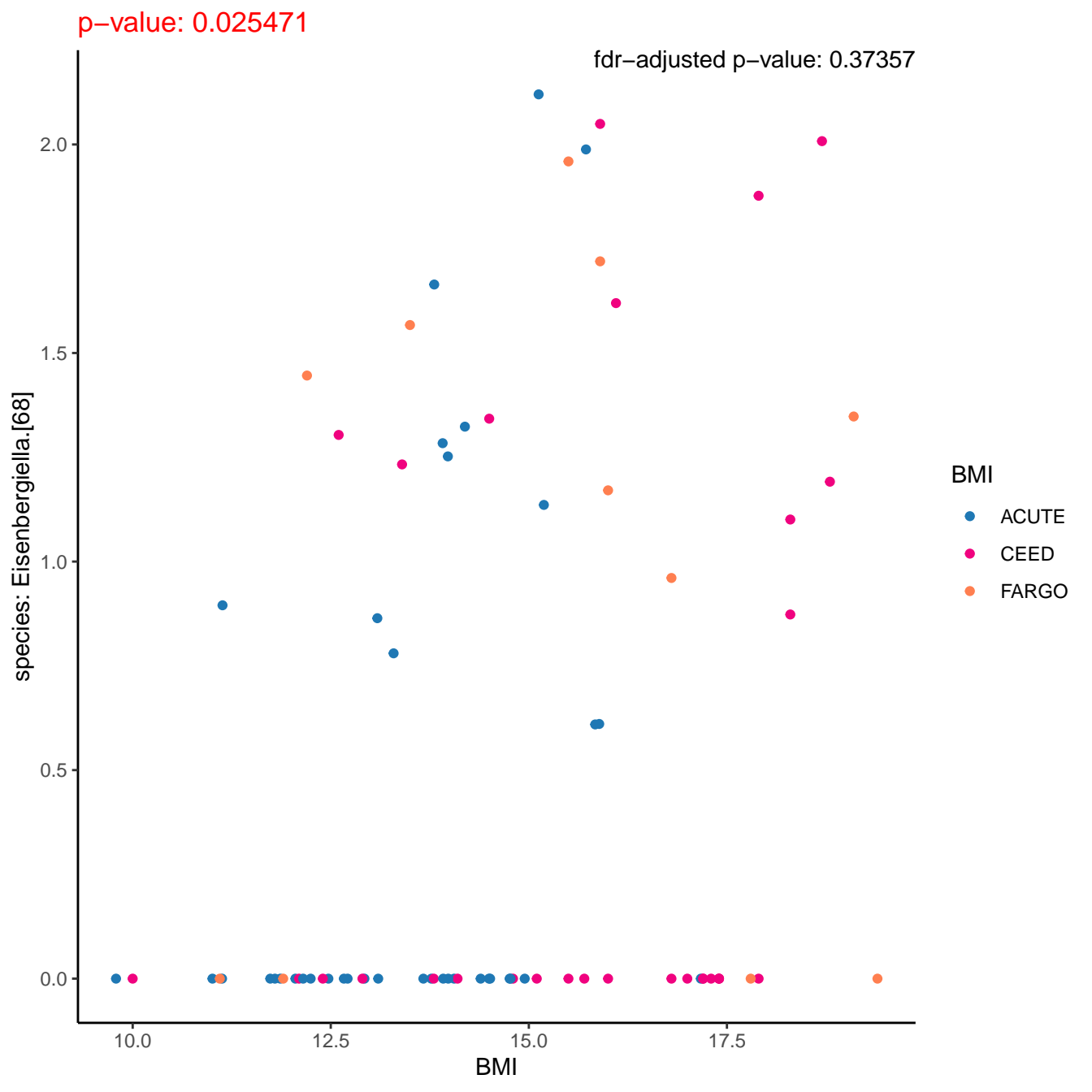
10.0

12.5

BMI

15.0

17.5



p-value: 0.025683

fdr-adjusted p-value: 0.37357

species: g__Coprococcus (UB*)[45]

BMI

ACUTE
CEED
FARGO

10.0

BMI

12.5

15.0

17.5

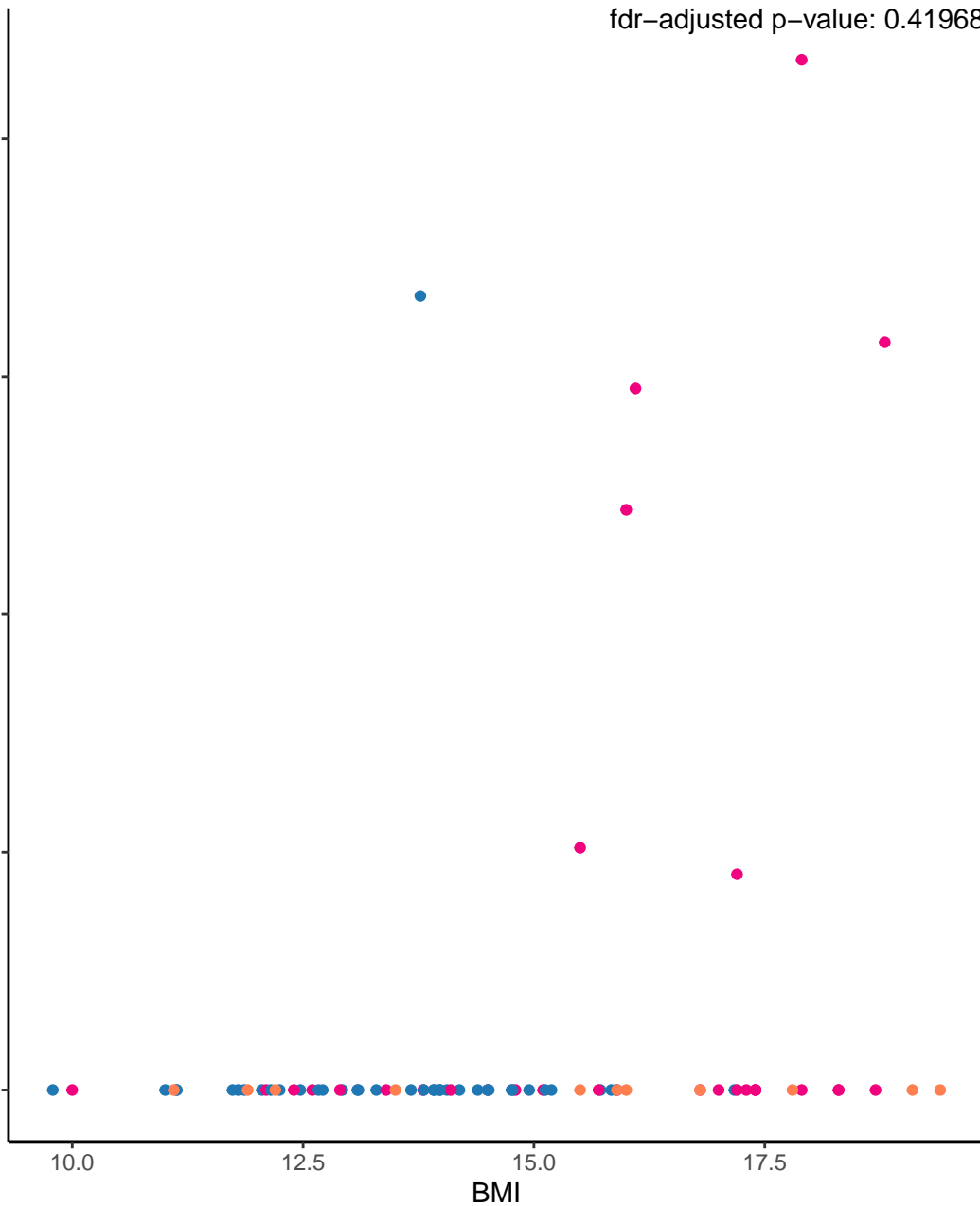
p-value: 0.032522

fdr-adjusted p-value: 0.41968

species: *Barnesiella*. [1]

BMI

- ACUTE
- CEED
- FARGO



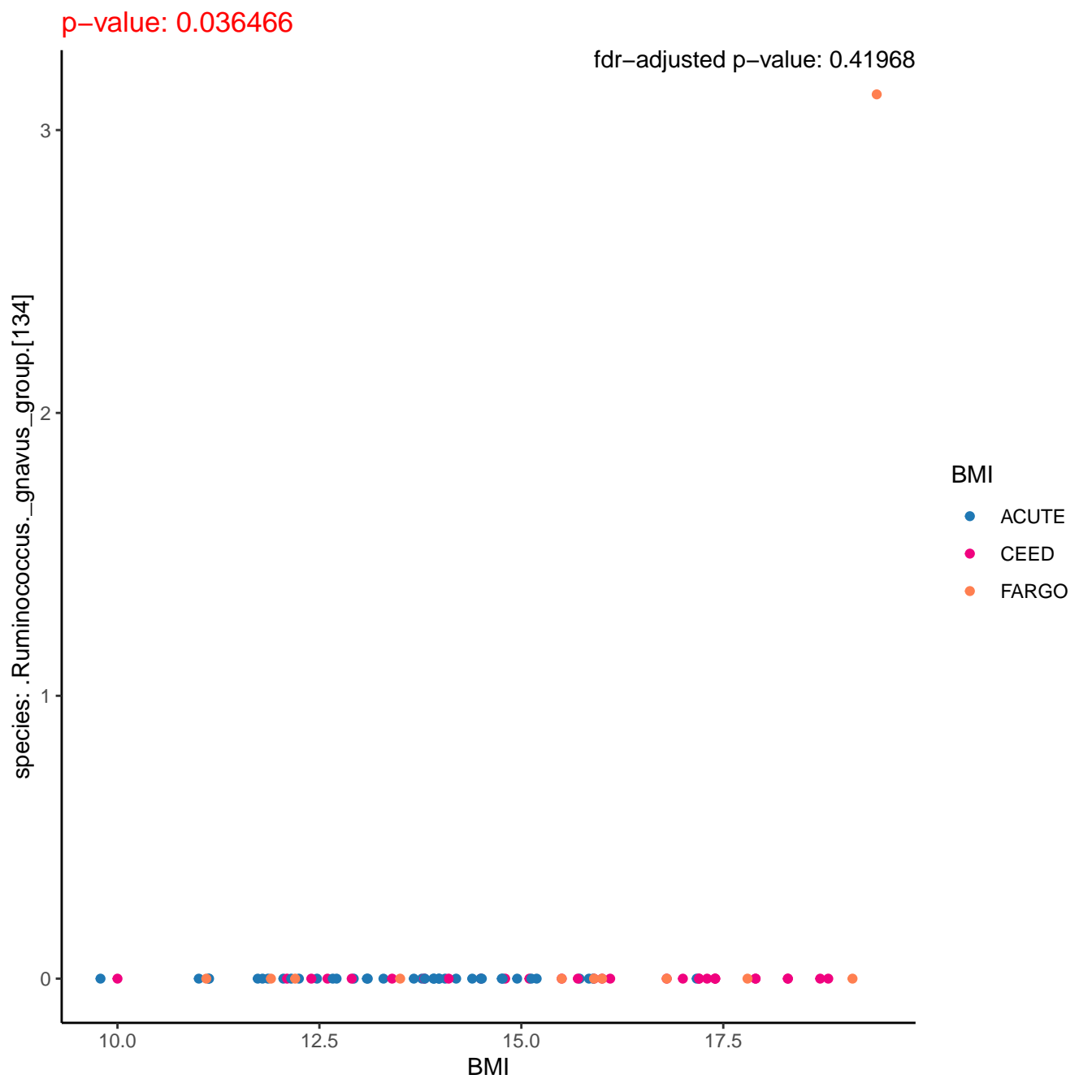
p-value: 0.036466

fdr-adjusted p-value: 0.41968

species: .Ruminococcus._gnavus_group.[134]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.036722

fdr-adjusted p-value: 0.41968

species: Eubacterium.[38]

BMI

ACUTE
CEED
FARGO

10.0

BMI

12.5

15.0

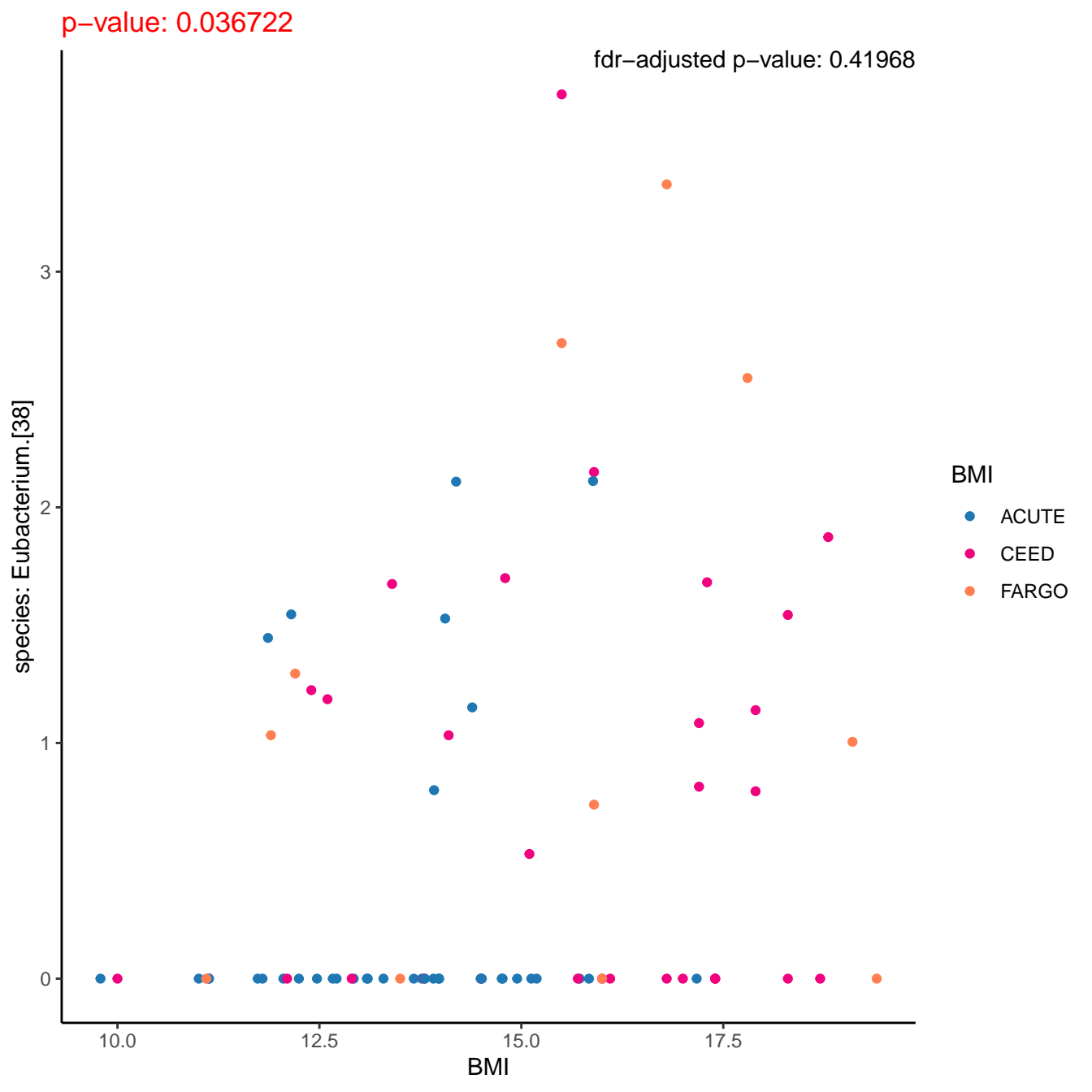
17.5

0

1

2

3



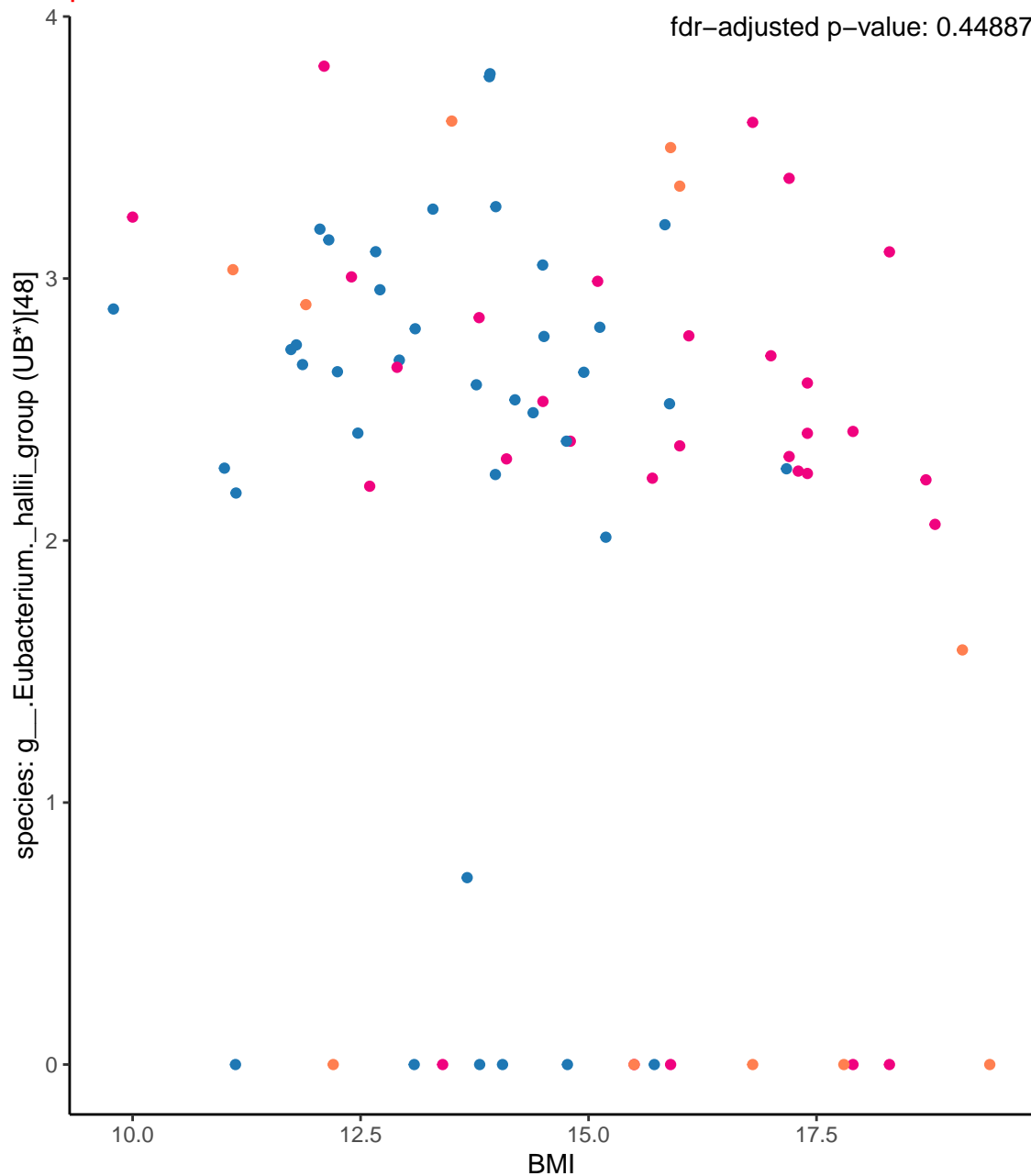
p-value: 0.045578

fdr-adjusted p-value: 0.44887

species: g__Eubacterium_hallii_group (UB*)[48]

BMI

ACUTE
CEED
FARGO



p-value: 0.045901

fdr-adjusted p-value: 0.44887

species: UBA1819.[105]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

15.0

17.5

p-value: 0.05104

fdr-adjusted p-value: 0.44887

species: g__Lachnospiridium (UB*)[97]

BMI

ACUTE
CEED
FARGO

10.0

BMI

15.0

17.5

p-value: 0.053394

fdr-adjusted p-value: 0.44887

species: g__Lachnospiraceae_UCG.001 (UB*)[153]

BMI

ACUTE
CEED
FARGO

10.0

12.5

BMI

15.0

17.5

0.0

0.5

1.0

1.5

p-value: 0.055224

fdr-adjusted p-value: 0.44887

species: g__Phascolarctobacterium (UB*)[67]

BMI

ACUTE
CEED
FARGO

10.0

BMI

12.5

15.0

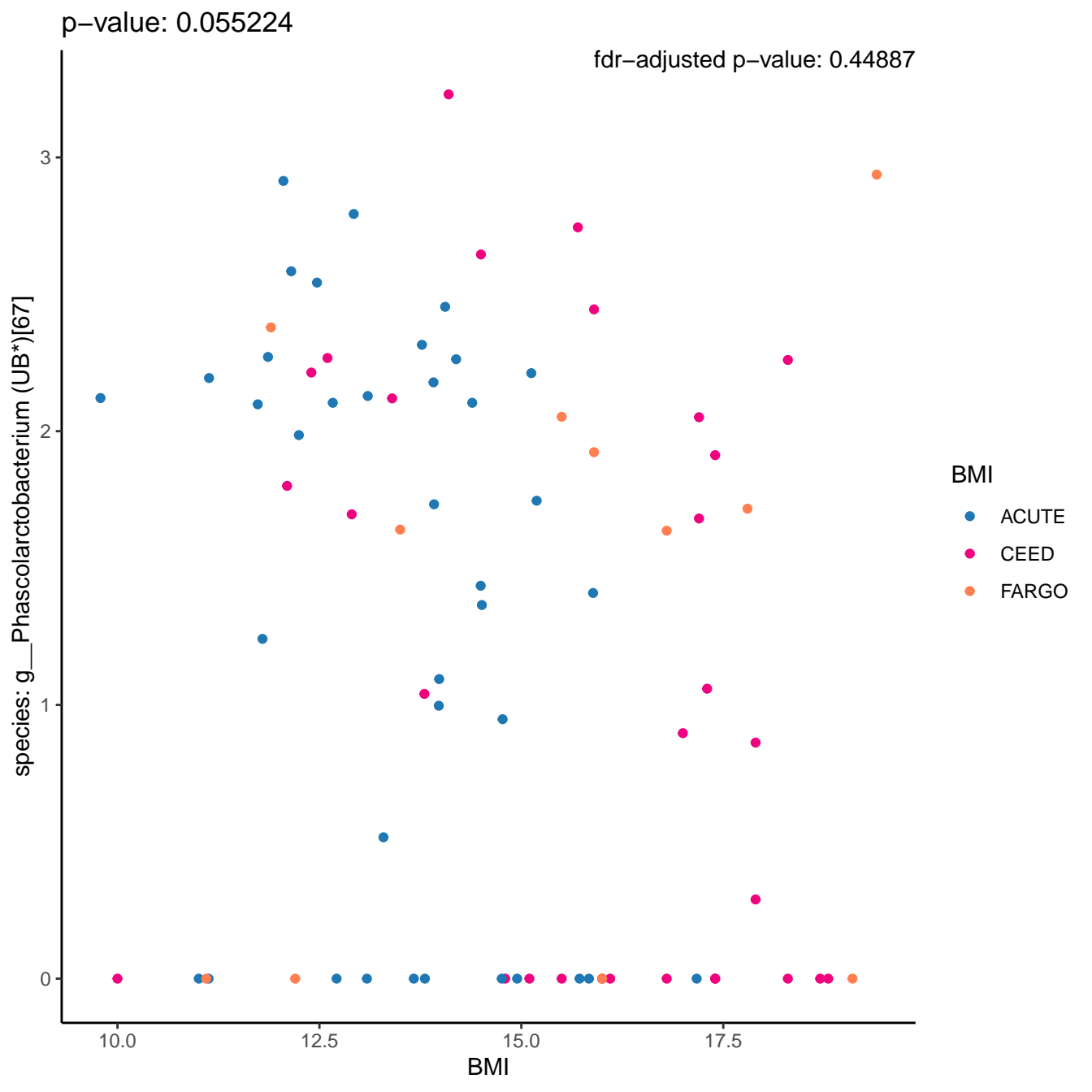
17.5

0

1

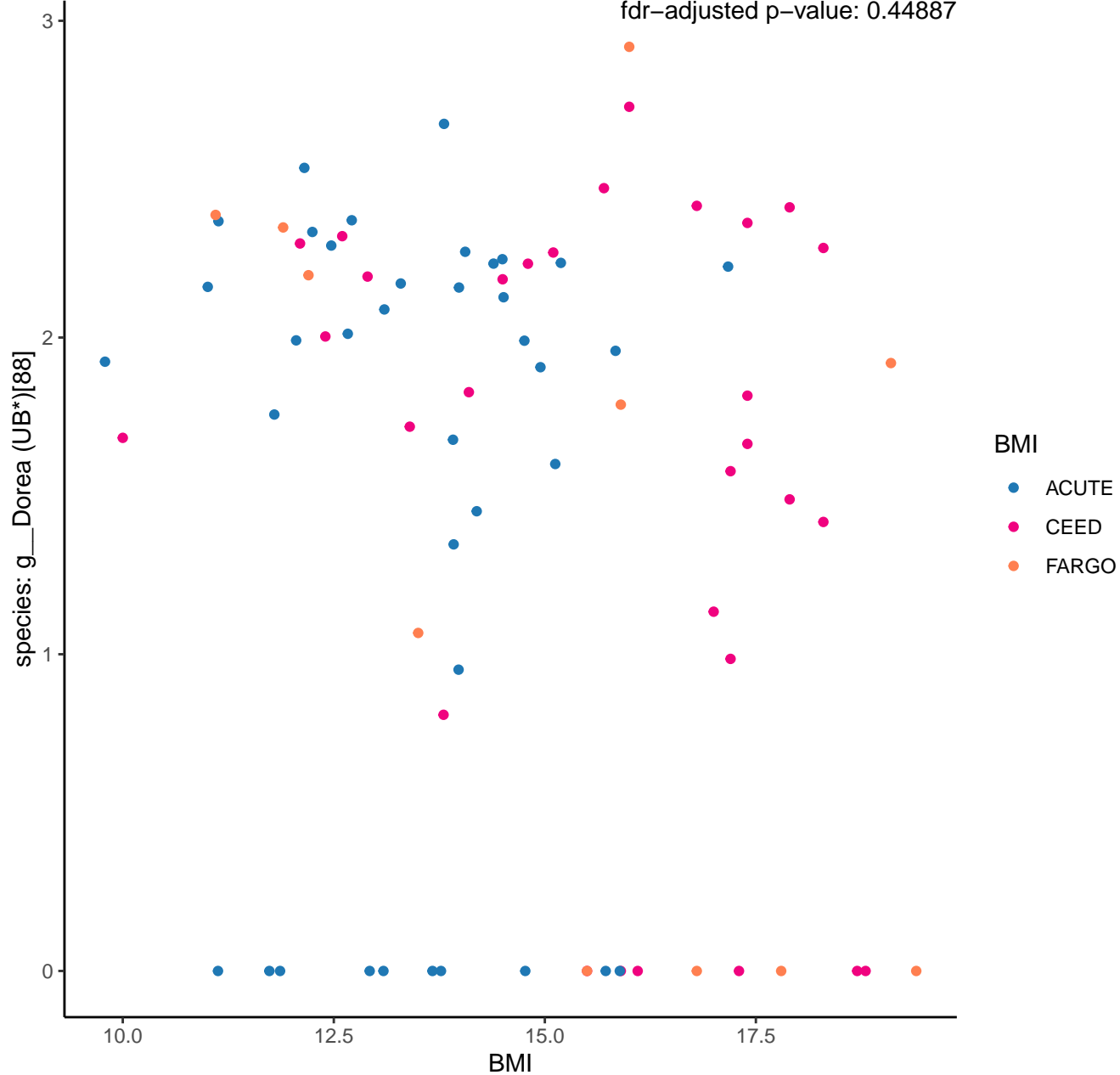
2

3



p-value: 0.061789

fdr-adjusted p-value: 0.44887



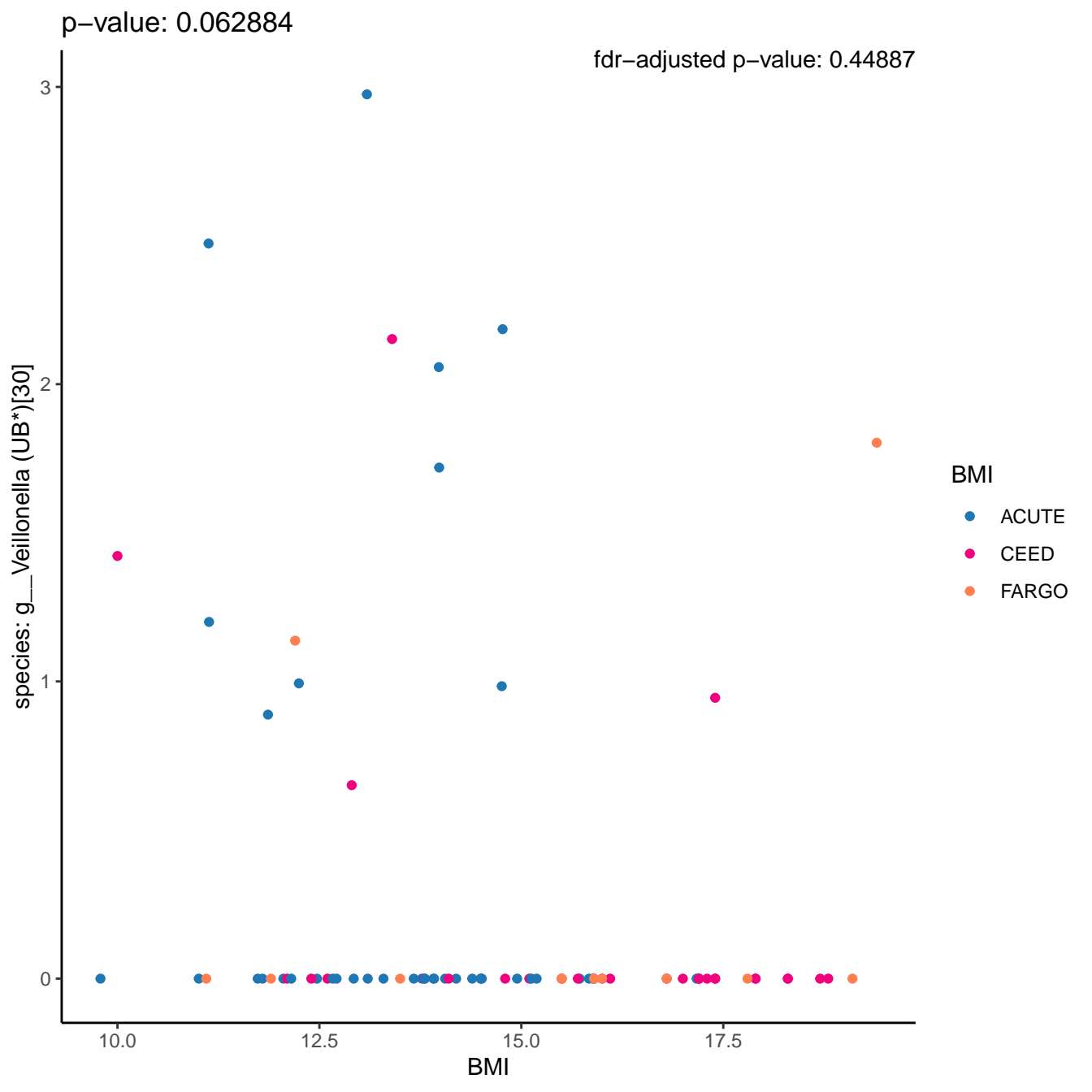
p-value: 0.062884

fdr-adjusted p-value: 0.44887

species: g__Veillonella (UB*)[30]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.066578

fdr-adjusted p-value: 0.44887

species: uncultured_organism[59]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

12.5

15.0

17.5

p-value: 0.067372

fdr-adjusted p-value: 0.44887

species: *Bifidobacterium animalis*[65]

BMI

ACUTE
CEED
FARGO

10.0

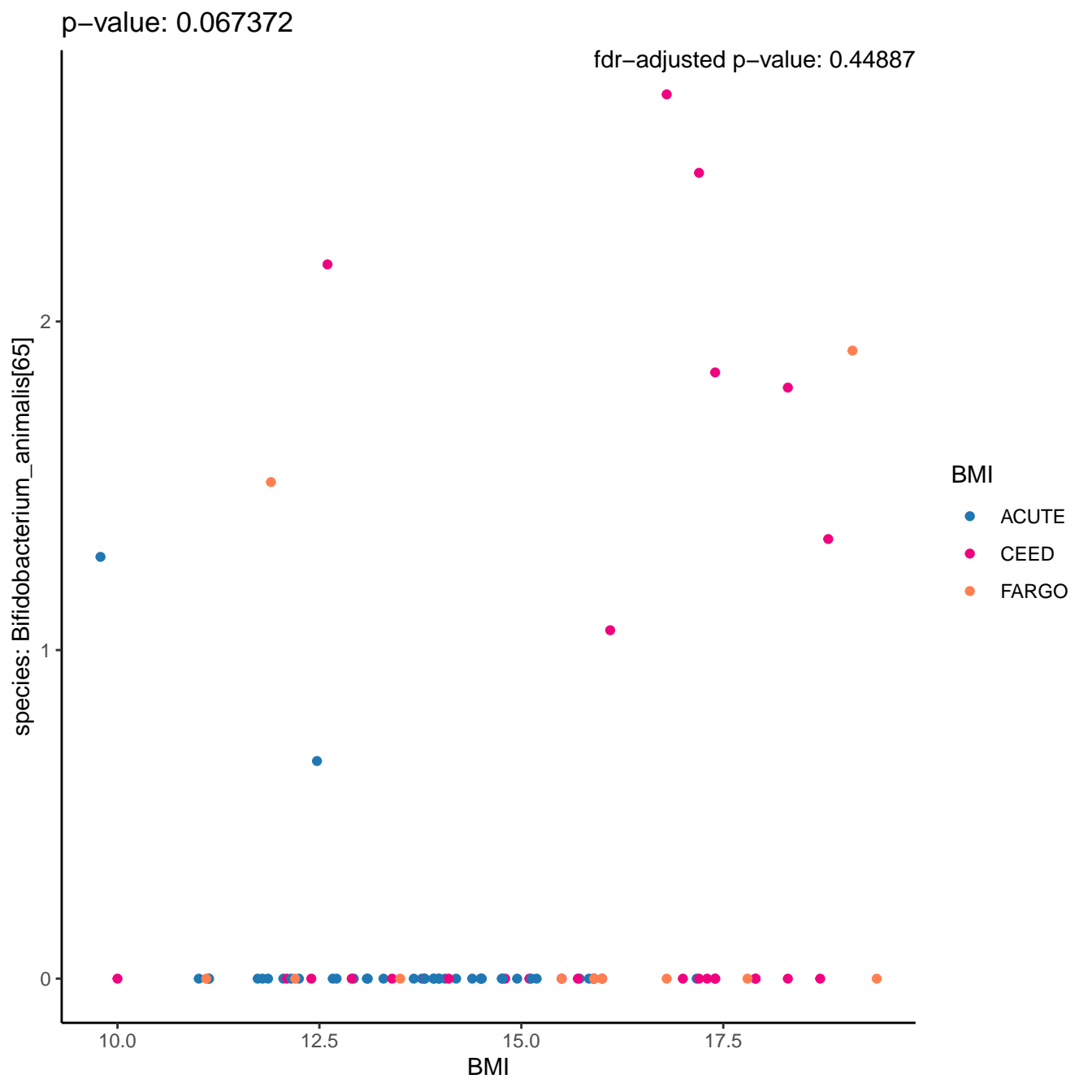
BMI

17.5

0

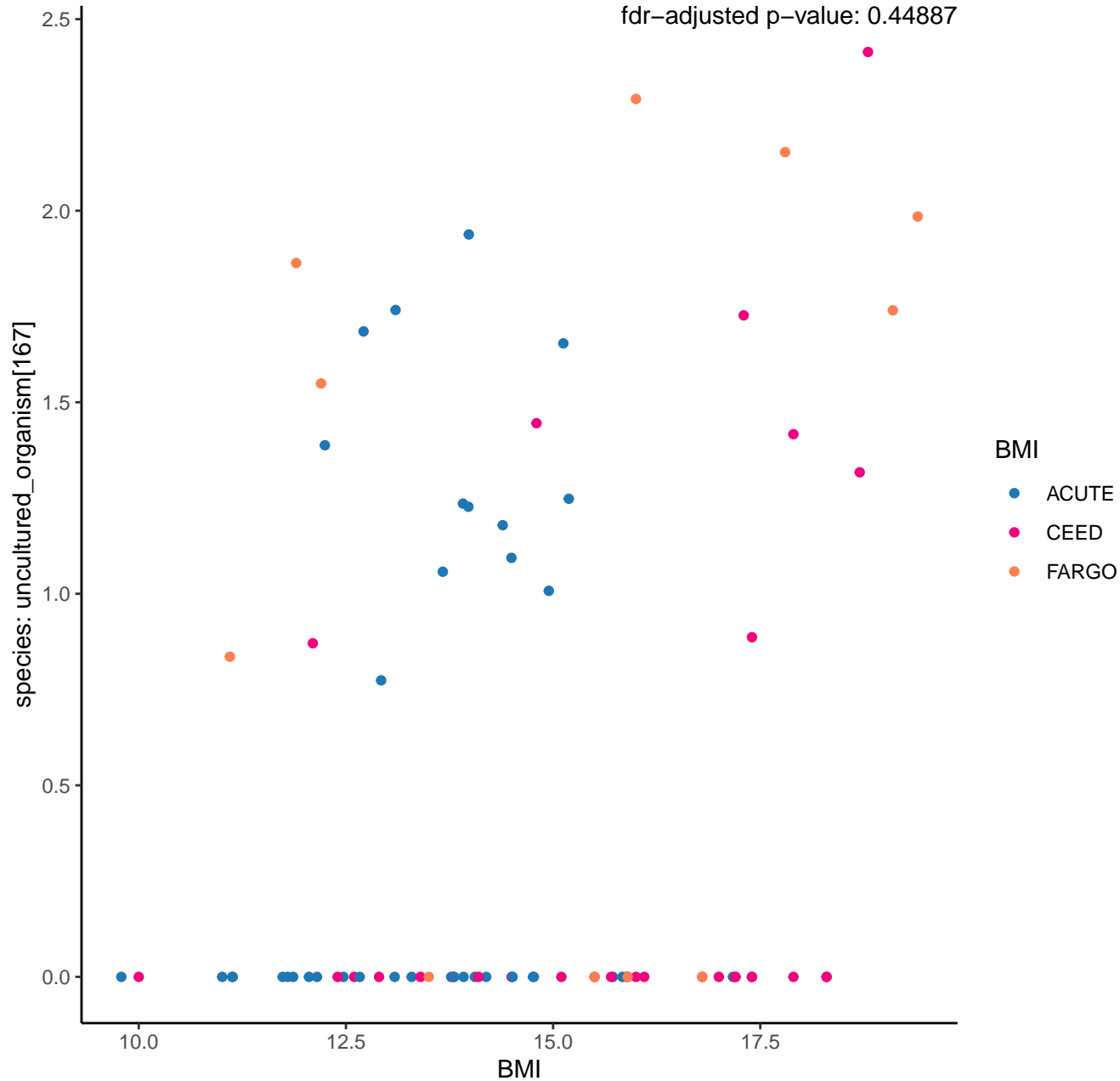
2

1



p-value: 0.067677

fdr-adjusted p-value: 0.44887



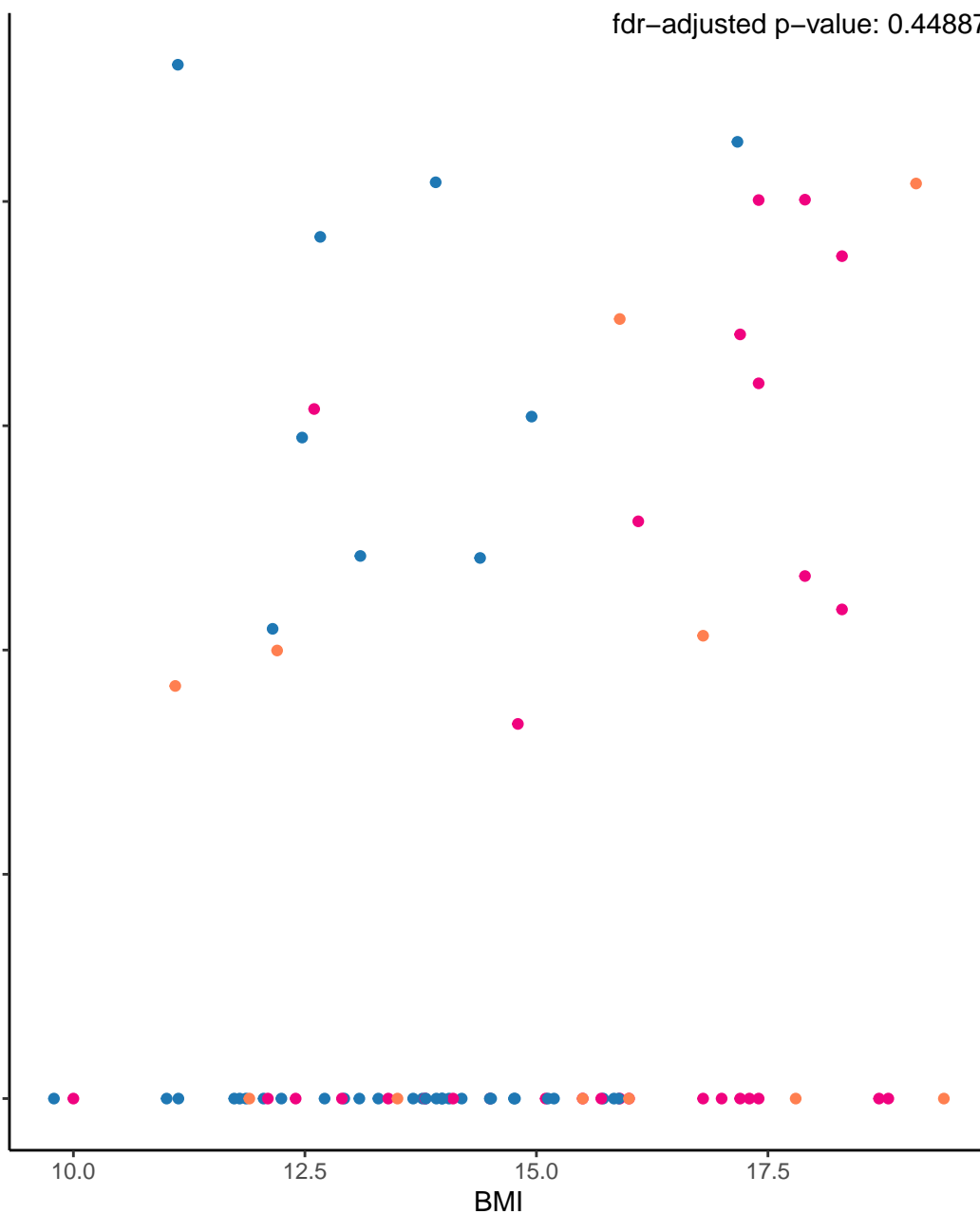
p-value: 0.071431

fdr-adjusted p-value: 0.44887

species: g__Negativibacillus (UB*)[141]

BMI

ACUTE
CEED
FARGO



p-value: 0.073091

fdr-adjusted p-value: 0.44887

species: g__Lactobacillus (UB*)[91]

BMI

ACUTE
CEED
FARGO

10.0

BMI

12.5

15.0

17.5

0

1

2

3

4

p-value: 0.079697

fdr-adjusted p-value: 0.44887

species: g__Dialister (UB*)[12]

BMI

ACUTE
CEED
FARGO

10.0

BMI

12.5

15.0

17.5

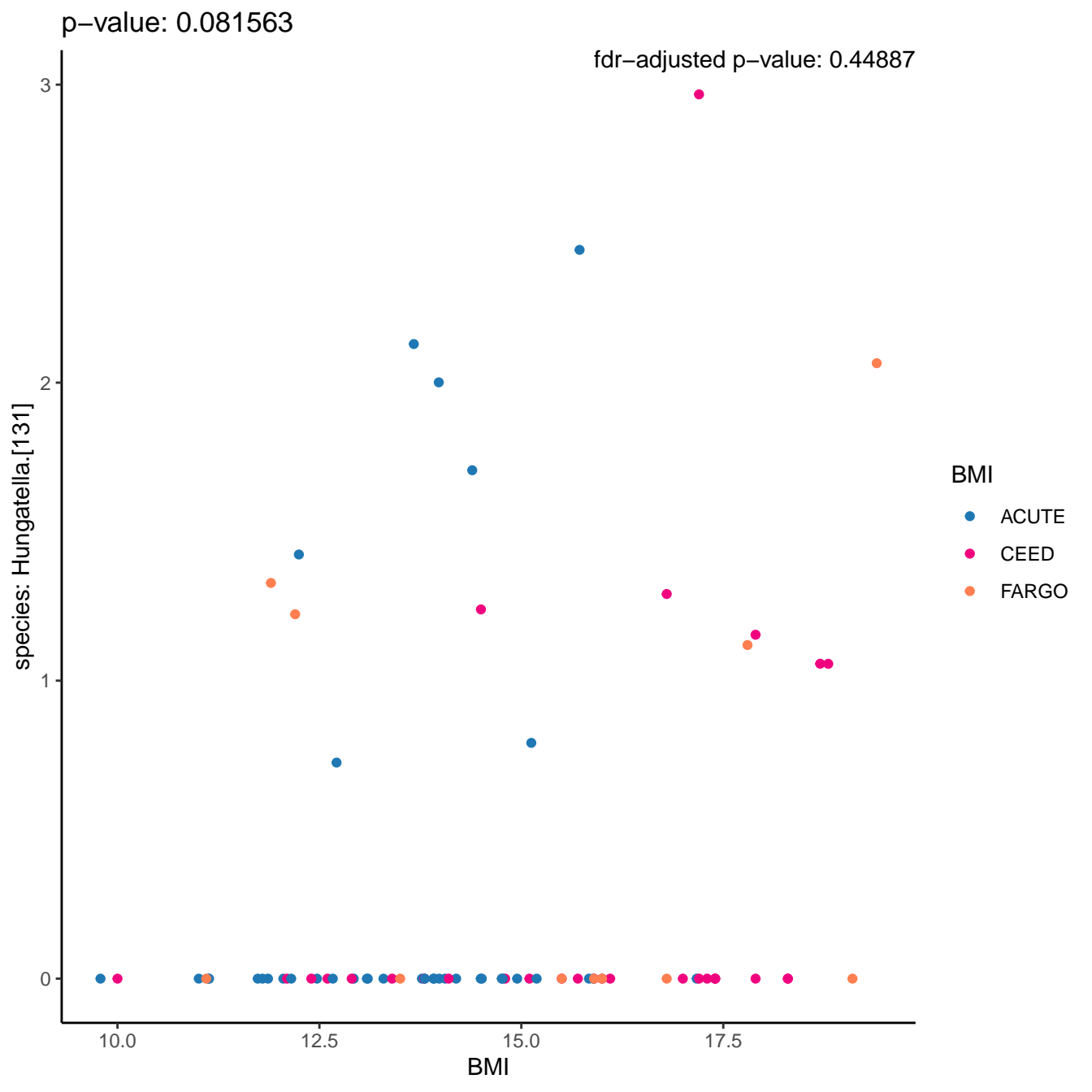
p-value: 0.081563

fdr-adjusted p-value: 0.44887

species: Hungatella.[131]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.081857

fdr-adjusted p-value: 0.44887

species: g__Faecalibacterium (UB*)[26]

BMI

● ACUTE
● CEED
● FARGO

10.0

BMI

12.5

15.0

17.5

p-value: 0.085177

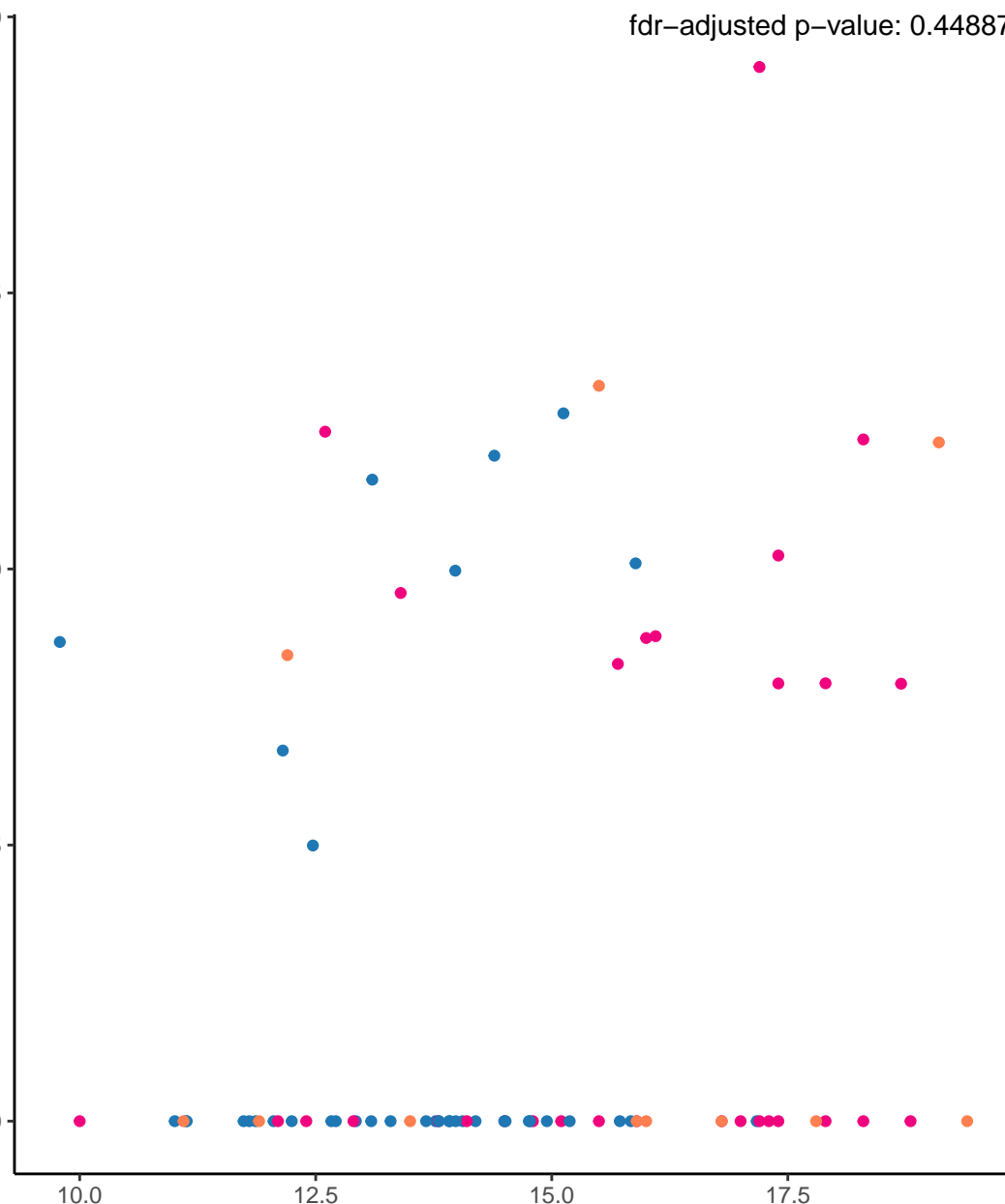
fdr-adjusted p-value: 0.44887

species: uncultured_organism[151]

BMI

ACUTE
CEED
FARGO

BMI



p-value: 0.093488

fdr-adjusted p-value: 0.44887



BMI

ACUTE

- CEED

FARGO

BMI

p-value: 0.096273

fdr-adjusted p-value: 0.44887

species: g__Butyrivibrio (UB*)[101]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

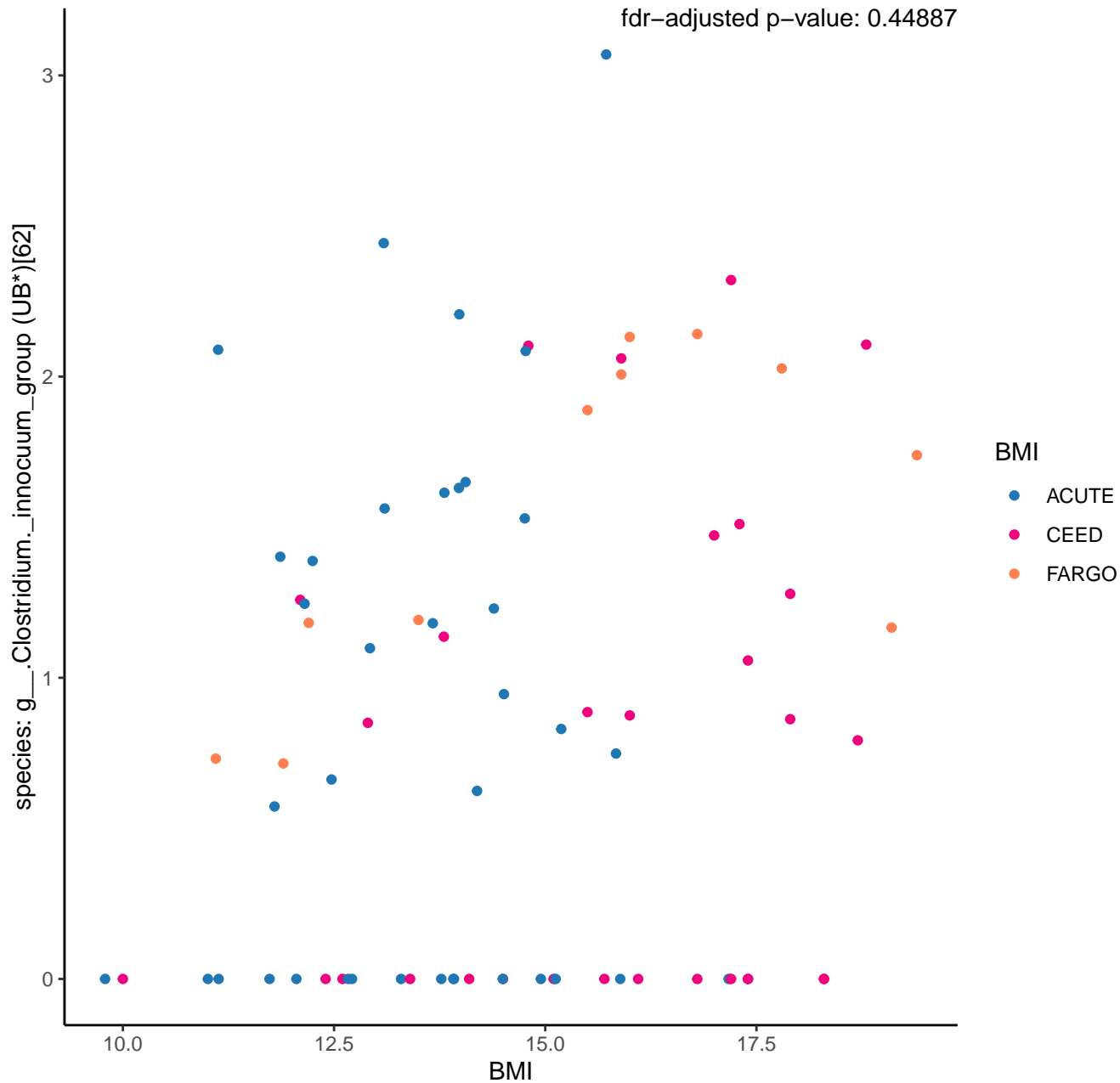
12.5

15.0

17.5

p-value: 0.098298

fdr-adjusted p-value: 0.44887



p-value: 0.098844

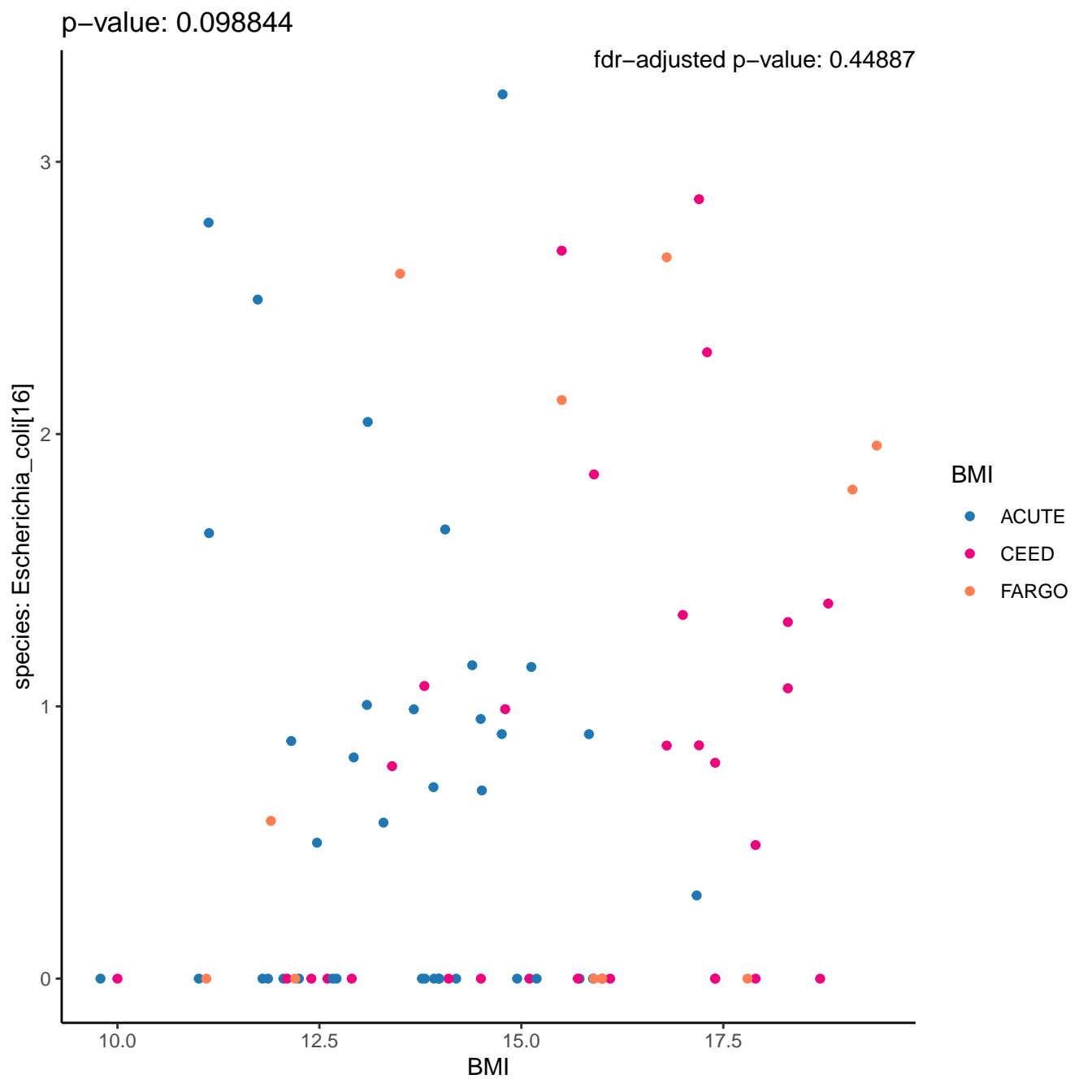
fdr-adjusted p-value: 0.44887

species: *Escherichia_coli*[16]

BMI

ACUTE
CEED
FARGO

BMI



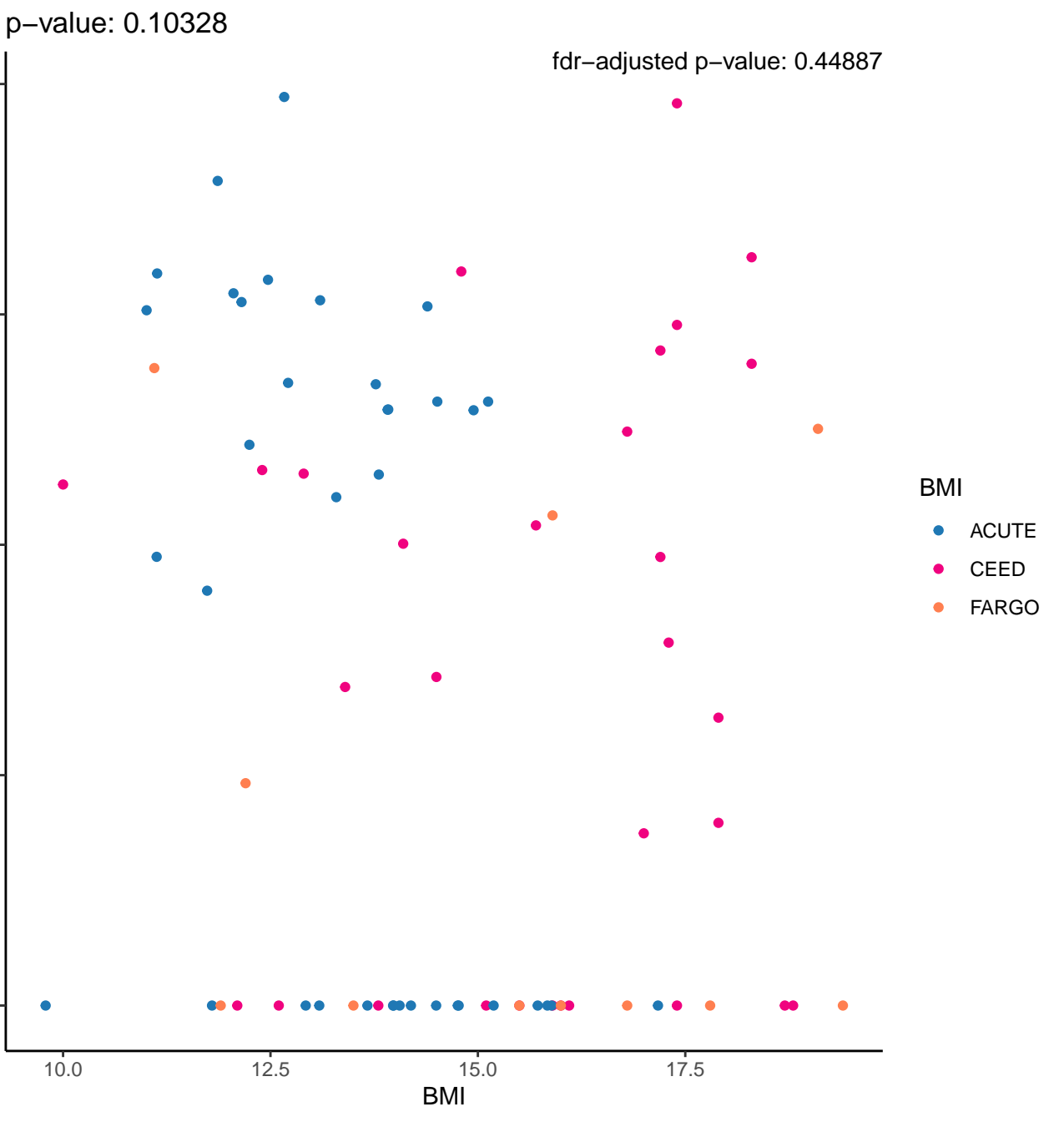
p-value: 0.10328

fdr-adjusted p-value: 0.44887

species: g__Ruminococcus (UB*)[3]

BMI

- ACUTE
- CEED
- FARGO



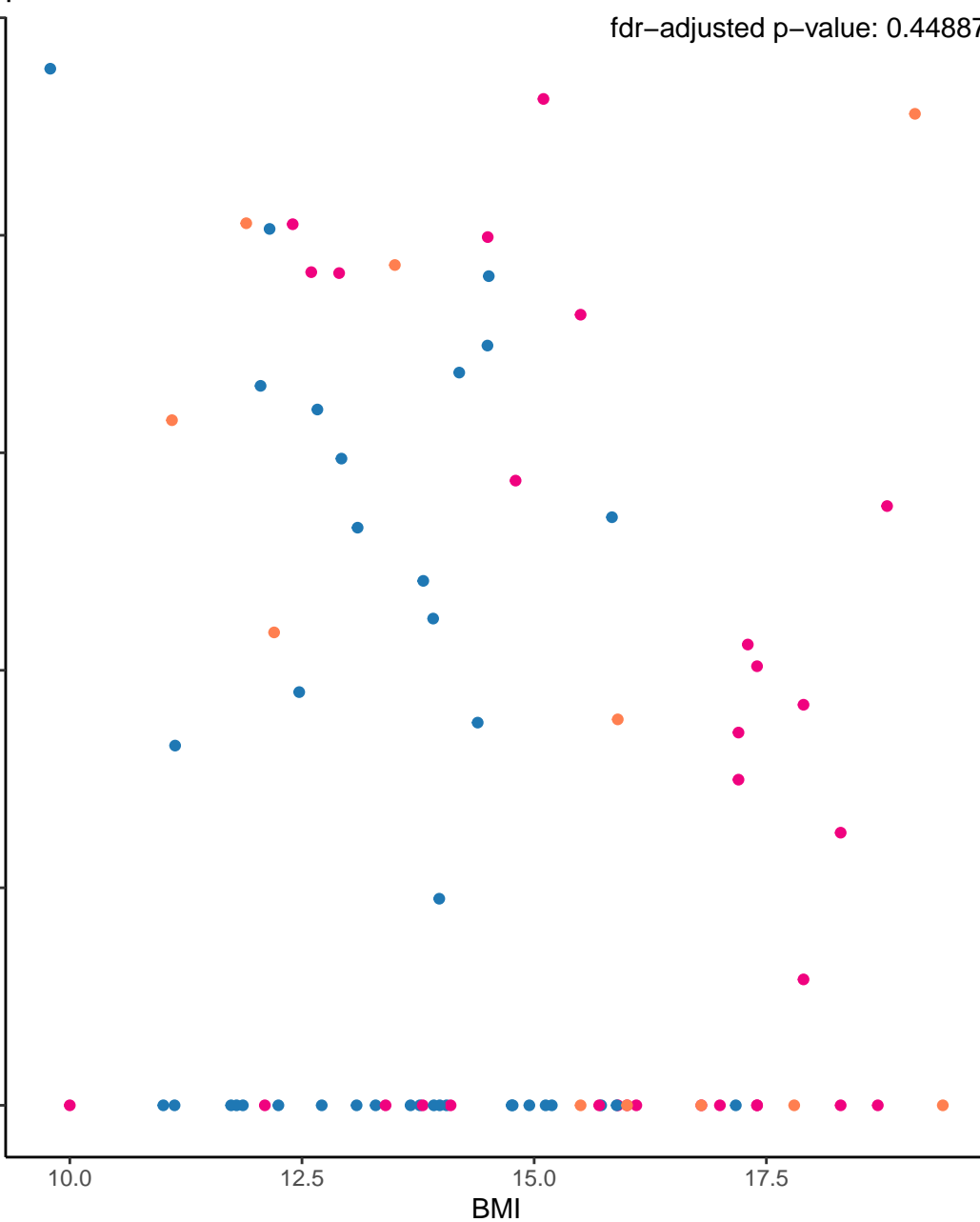
p-value: 0.10539

fdr-adjusted p-value: 0.44887

species: g__uncultured (UB*)[159]

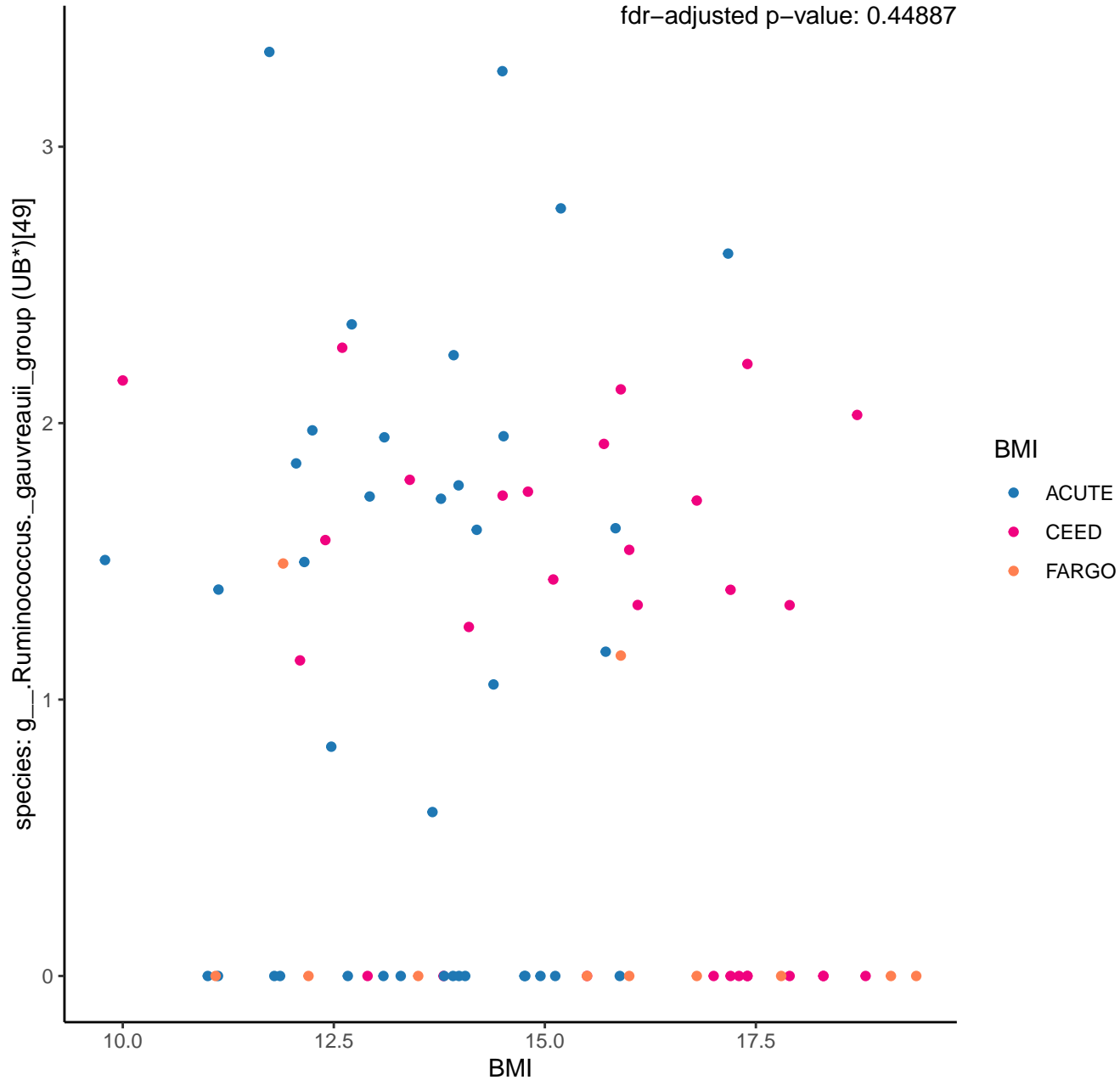
BMI

ACUTE
CEED
FARGO



p-value: 0.10628

fdr-adjusted p-value: 0.44887



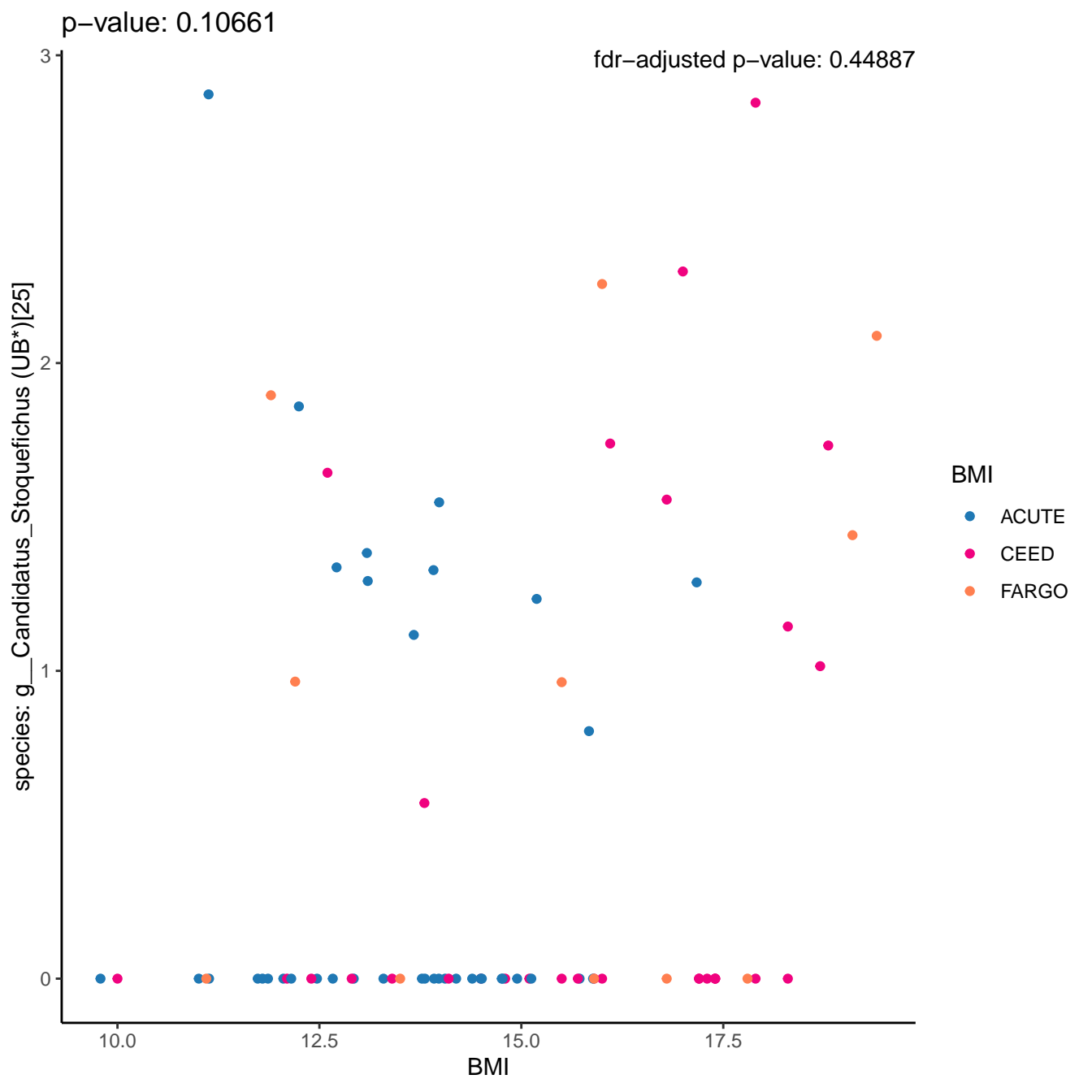
p-value: 0.10661

fdr-adjusted p-value: 0.44887

species: g__Candidatus_Stoquefichus (UB*)[25]

BMI

ACUTE
CEED
FARGO



p-value: 0.11171

fdr-adjusted p-value: 0.45495

species: Bifidobacterium_bifidum[171]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

17.5

0

1

2

p-value: 0.11374

fdr-adjusted p-value: 0.45495

species: g__Eubacterium_coprostanoligenes_group (UB*)[11]

BMI

ACUTE

CEED

FARGO

10.0

BMI

15.0

17.5

p-value: 0.12346

fdr-adjusted p-value: 0.47326



BMI

ACUTE

- CEED

FARGO

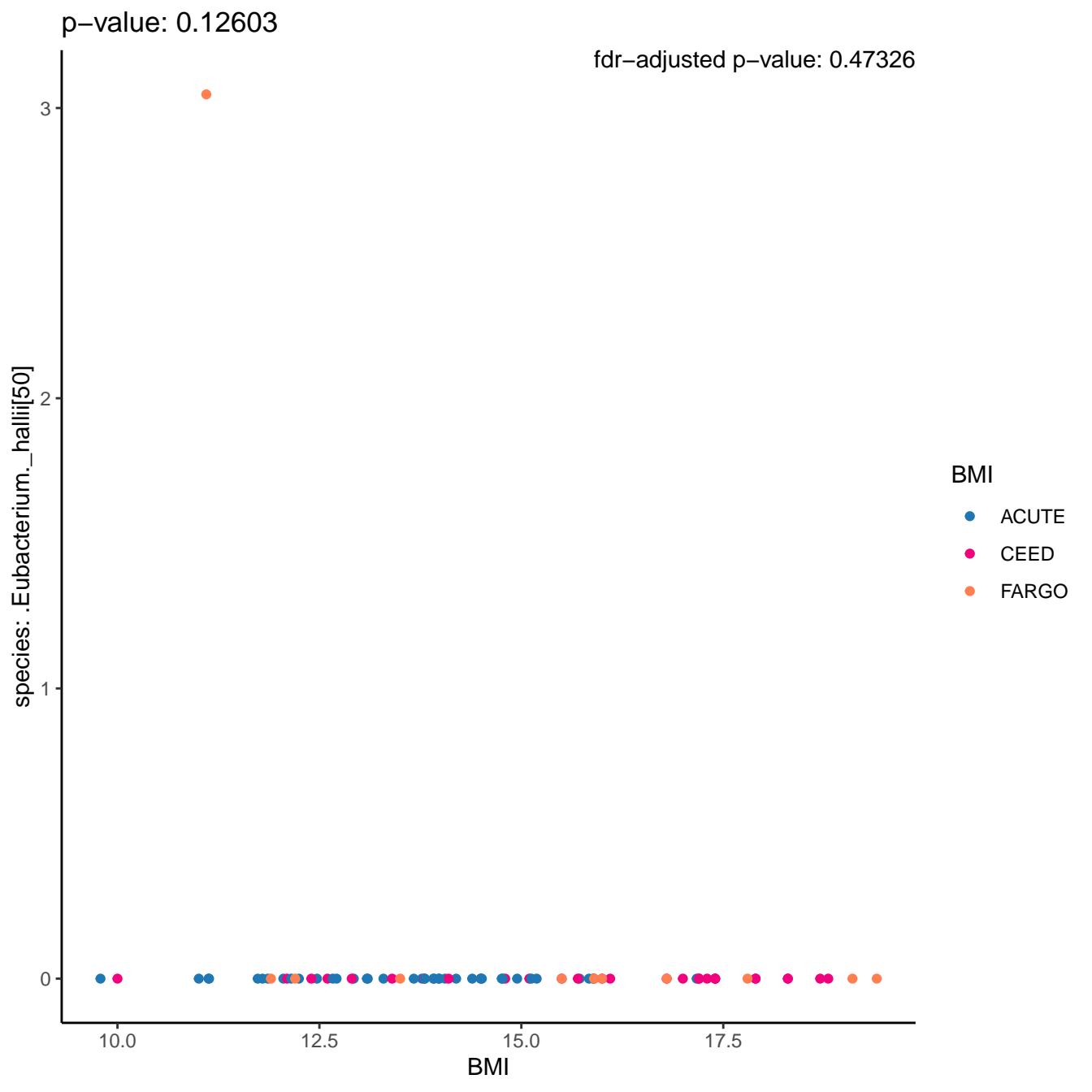
p-value: 0.12603

fdr-adjusted p-value: 0.47326

species: .Eubacterium._hallii[50]

BMI

- ACUTE
- CEED
- FARGO



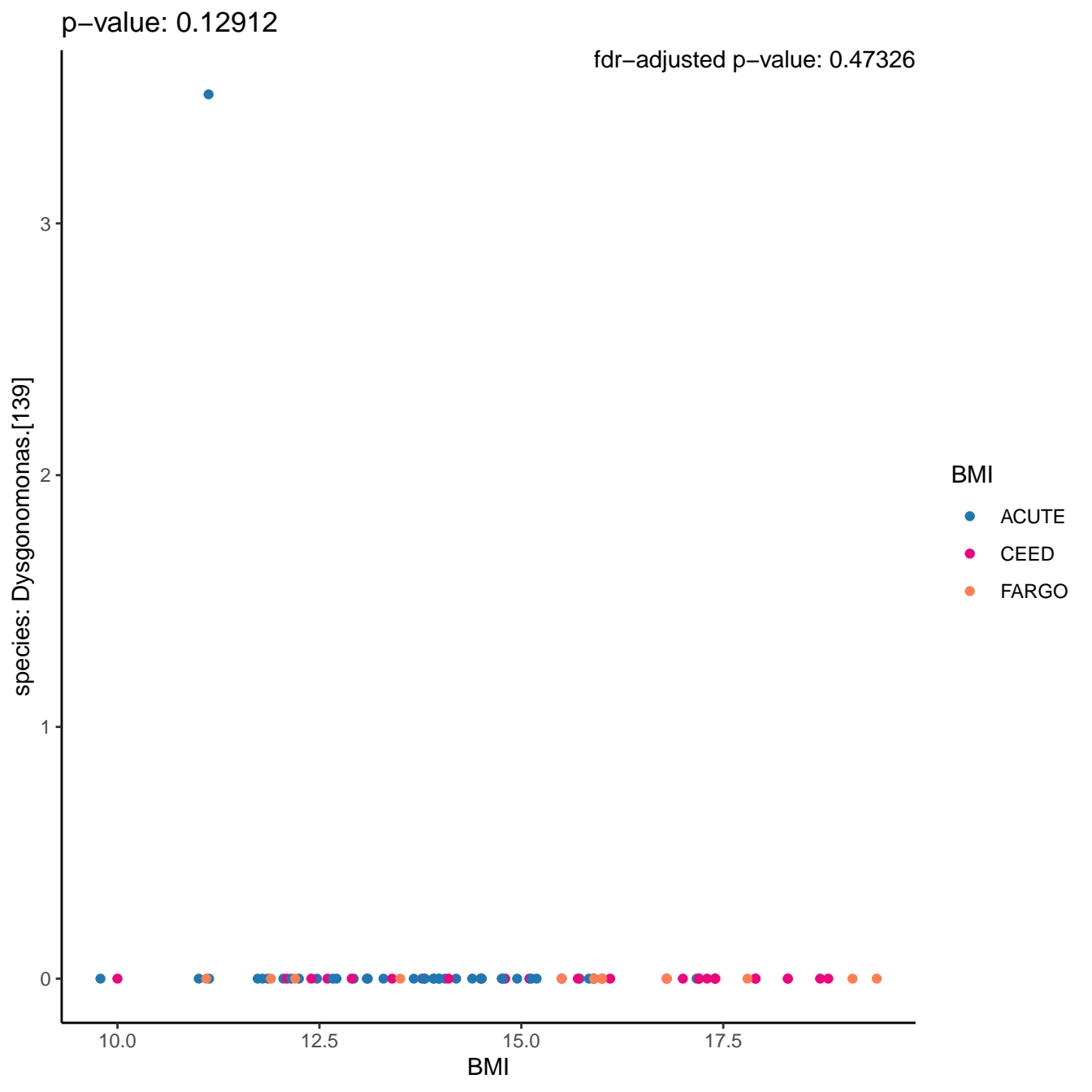
p-value: 0.12912

fdr-adjusted p-value: 0.47326

species: *Dysgonomonas*. [139]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.13024

fdr-adjusted p-value: 0.47326

species: g__Streptococcus (UB*)[57]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

12.5

15.0

17.5

0

1

2

3

p-value: 0.1331

fdr-adjusted p-value: 0.47326

species: g__uncultured (UB*)[124]

BMI

● ACUTE
● CEED
● FARGO

10.0

12.5

BMI

15.0

17.5

0.0

0.5

1.0

1.5

2.0

2.5

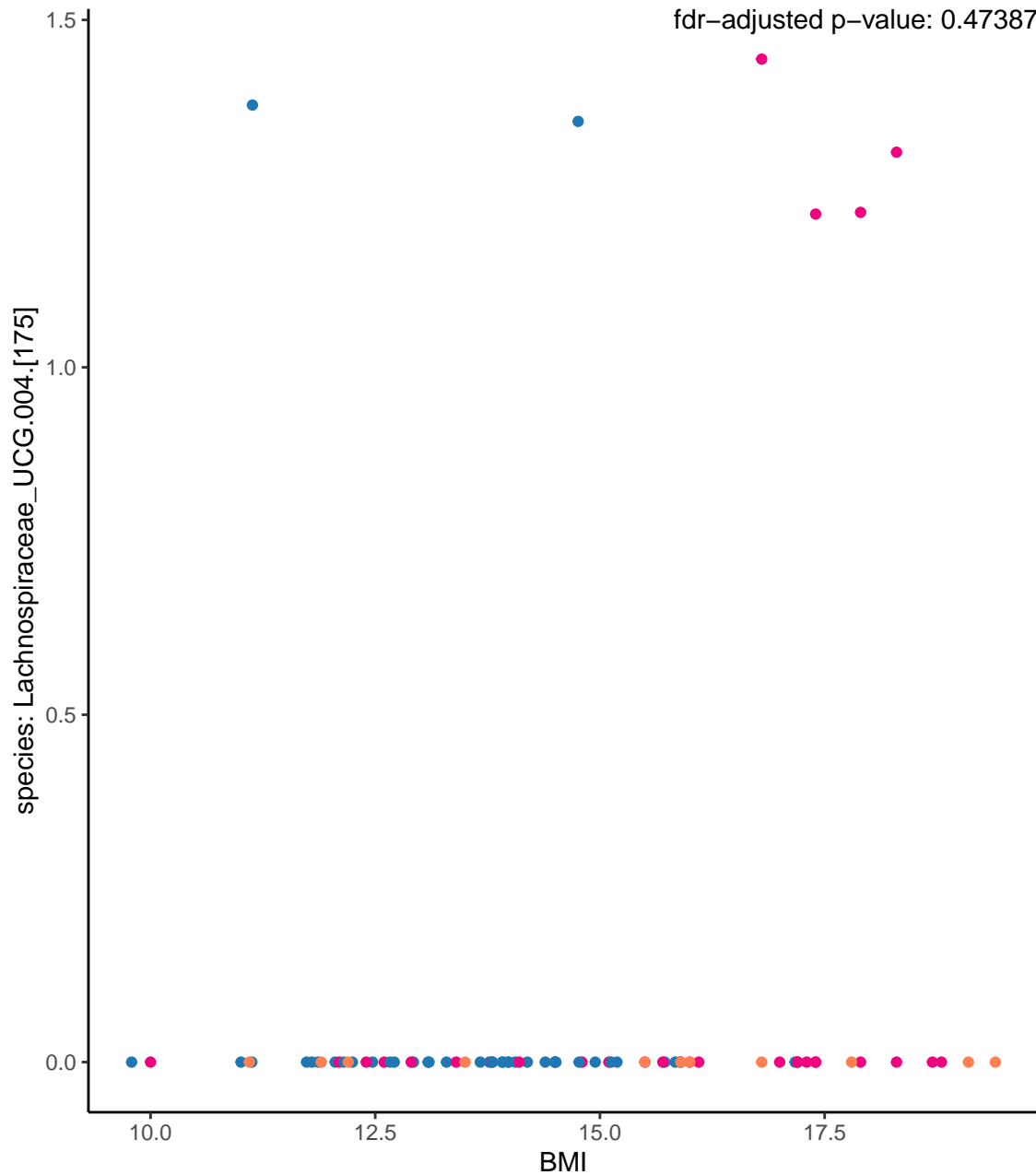
p-value: 0.13624

fdr-adjusted p-value: 0.47387

species: Lachnospiraceae_UCG.004.[175]

BMI

ACUTE
CEED
FARGO



p-value: 0.14871

fdr-adjusted p-value: 0.48598

species: g__Eubacterium._elgens_group (UB*)[63]

BMI

- ACUTE
- CEED
- FARGO

10.0

12.5

BMI

15.0

17.5

0.0

0.5

1.0

1.5

2.0

2.5

p-value: 0.14975

fdr-adjusted p-value: 0.48598

species: g__Eubacterium._ruminantium_group (UB*)[129]

BMI

- ACUTE
- CEED
- FARGO

10.0

12.5

BMI

15.0

17.5

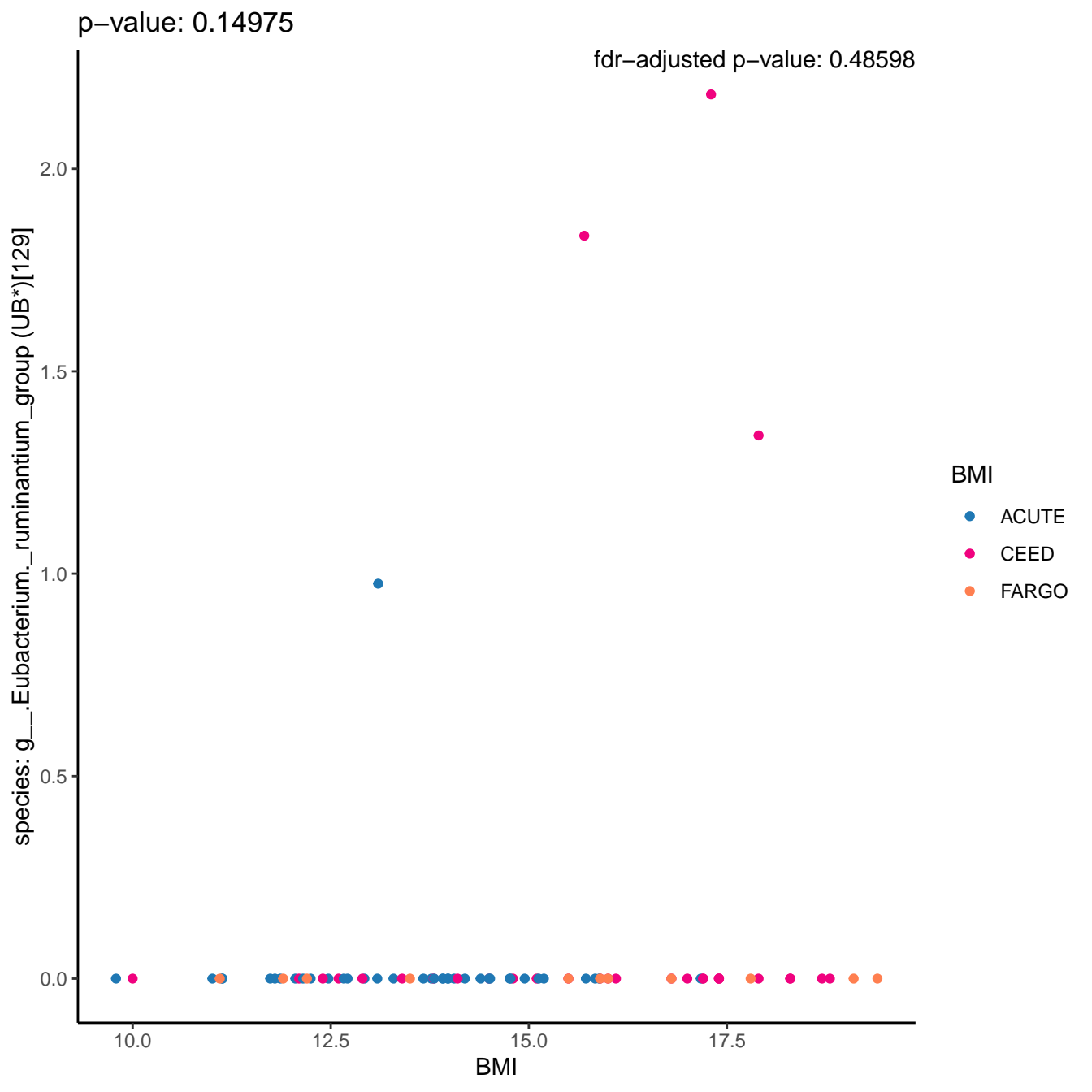
0.0

0.5

1.0

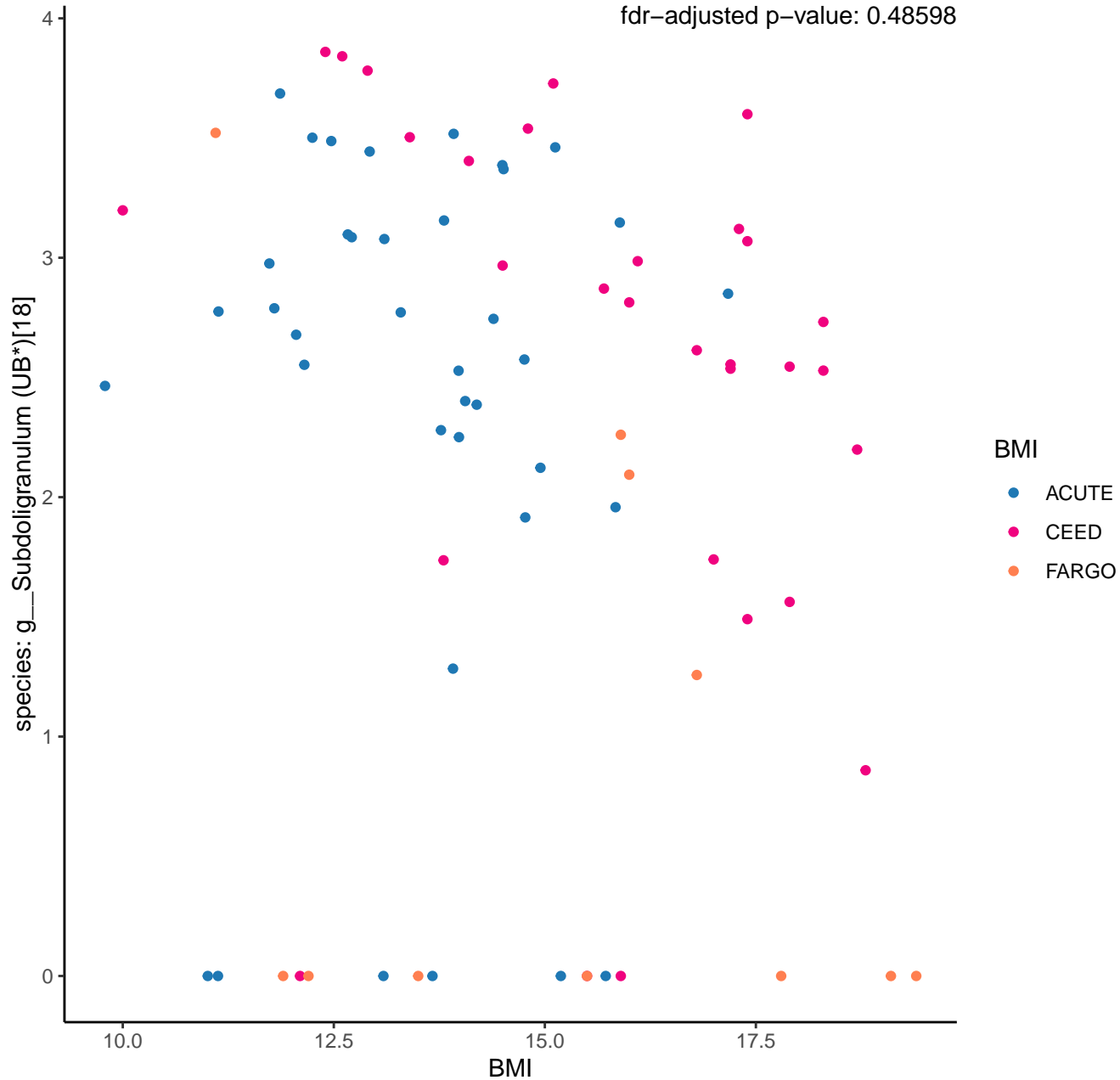
1.5

2.0



p-value: 0.15375

fdr-adjusted p-value: 0.48598



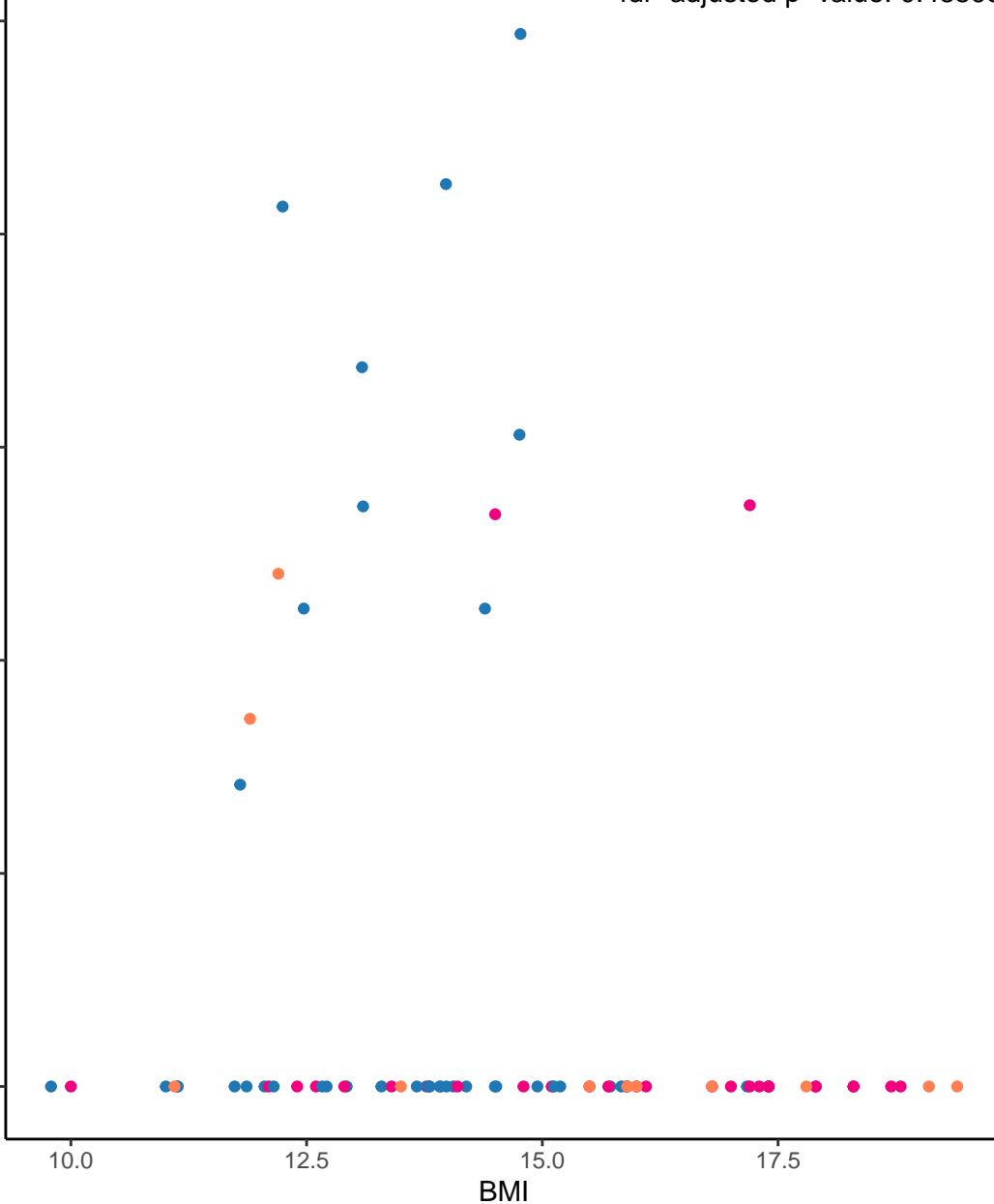
p-value: 0.15433

fdr-adjusted p-value: 0.48598

species: *Veillonella* [27]

BMI

ACUTE
CEED
FARGO



p-value: 0.15615

fdr-adjusted p-value: 0.48598

species: uncultured.[121]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

12.5

15.0

17.5

p-value: 0.15794

fdr-adjusted p-value: 0.48598

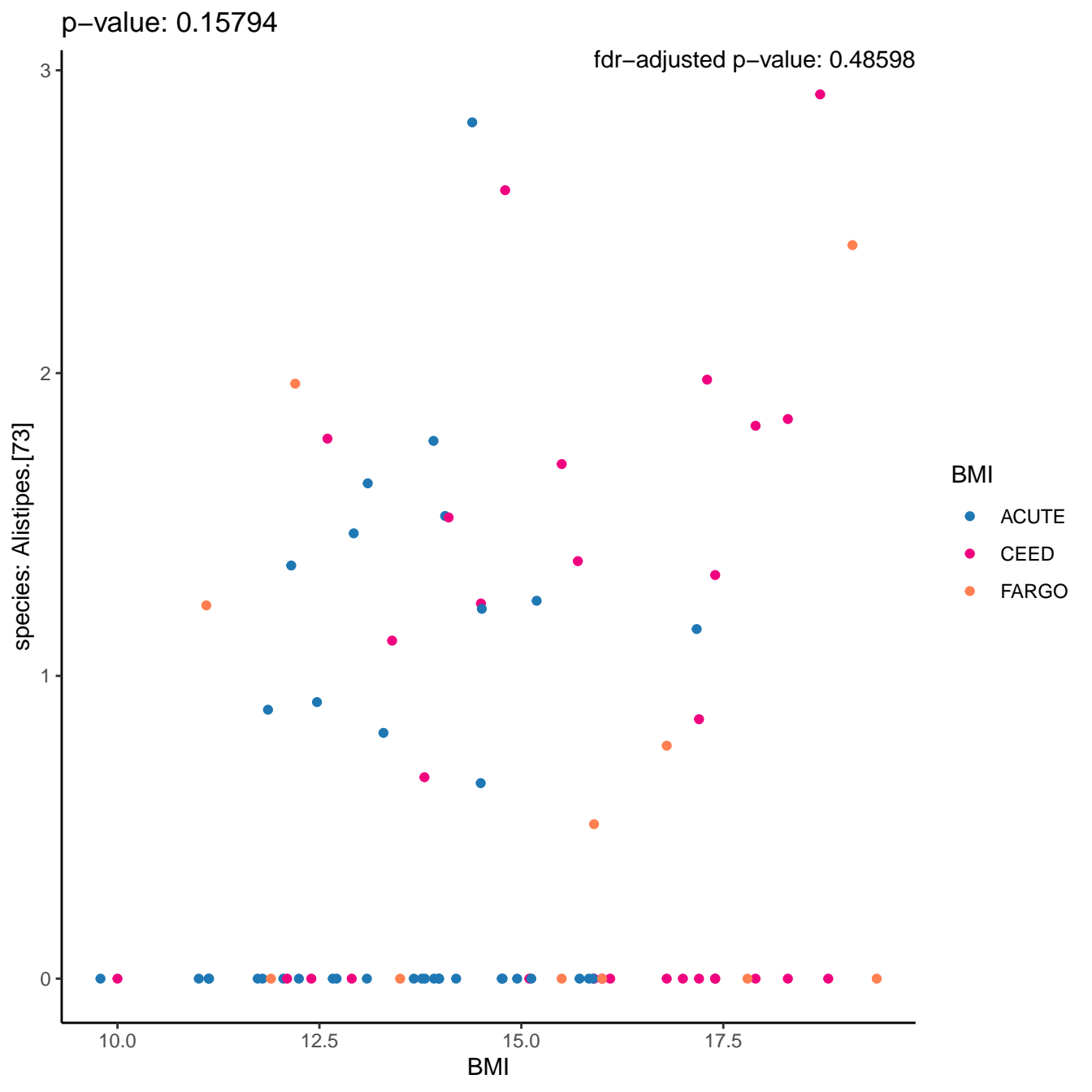
species: Alistipes.[73]

BMI

ACUTE

CEED

FARGO



p-value: 0.16217

fdr-adjusted p-value: 0.48781

species: g__Erysipelatoclostridium (UB*)[31]

BMI

ACUTE
CEED
FARGO

10.0

BMI

15.0

17.5

0

1

2

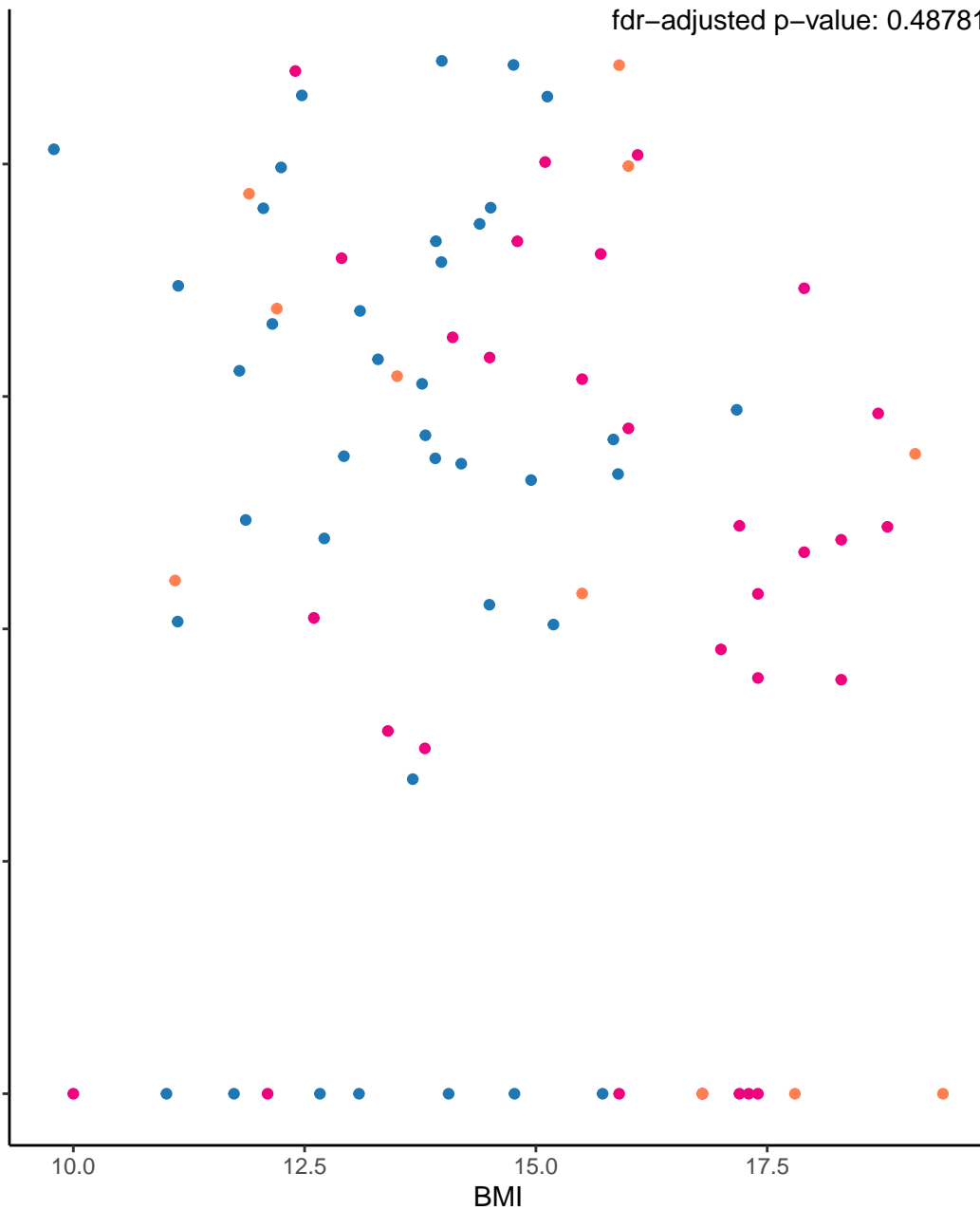
p-value: 0.16464

fdr-adjusted p-value: 0.48781

species: g__uncultured (UB*)[61]

BMI

ACUTE
CEED
FARGO



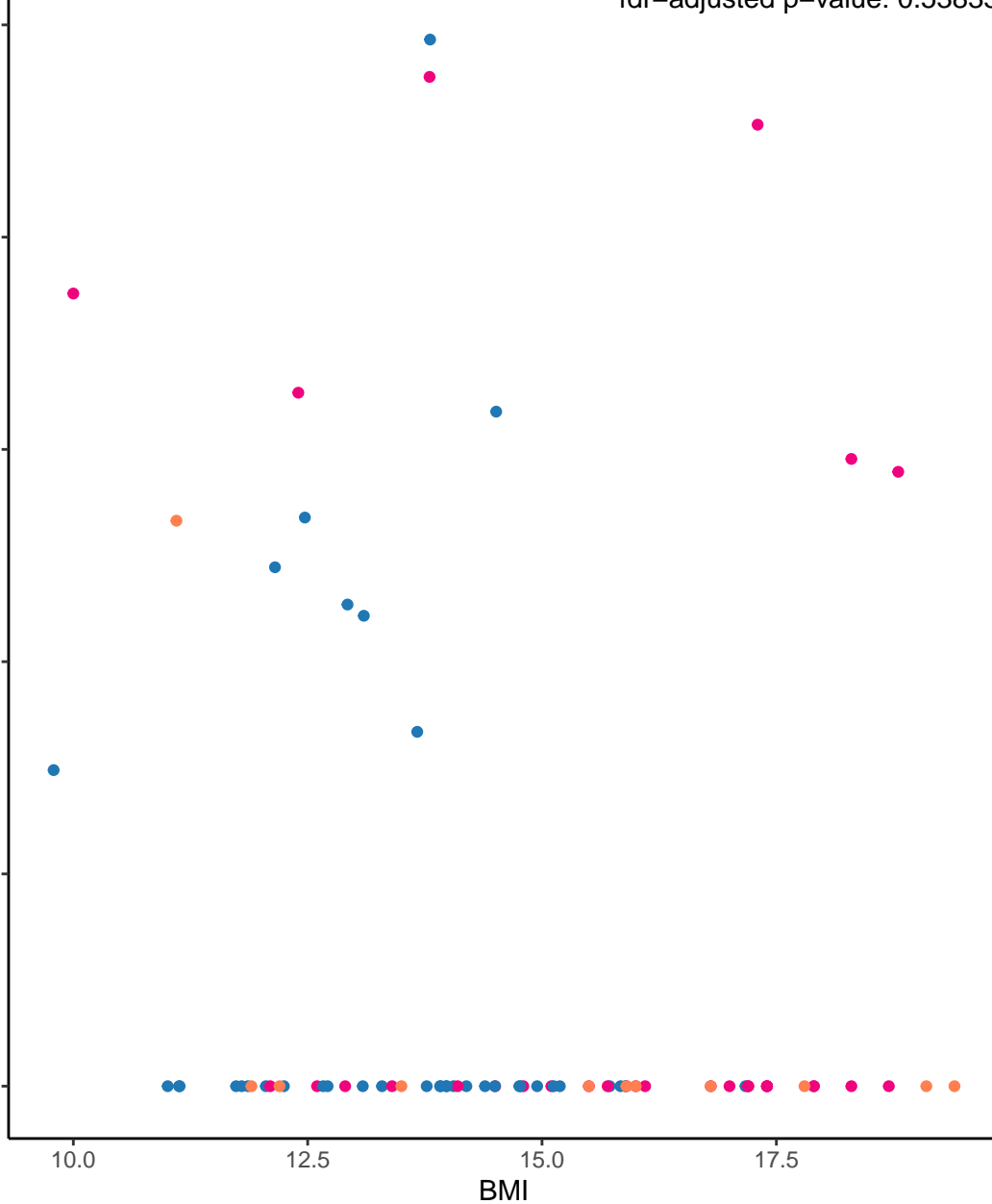
p-value: 0.18506

fdr-adjusted p-value: 0.53835

species: g__Terrisporobacter (UB*)[155]

BMI

ACUTE
CEED
FARGO



p-value: 0.19553

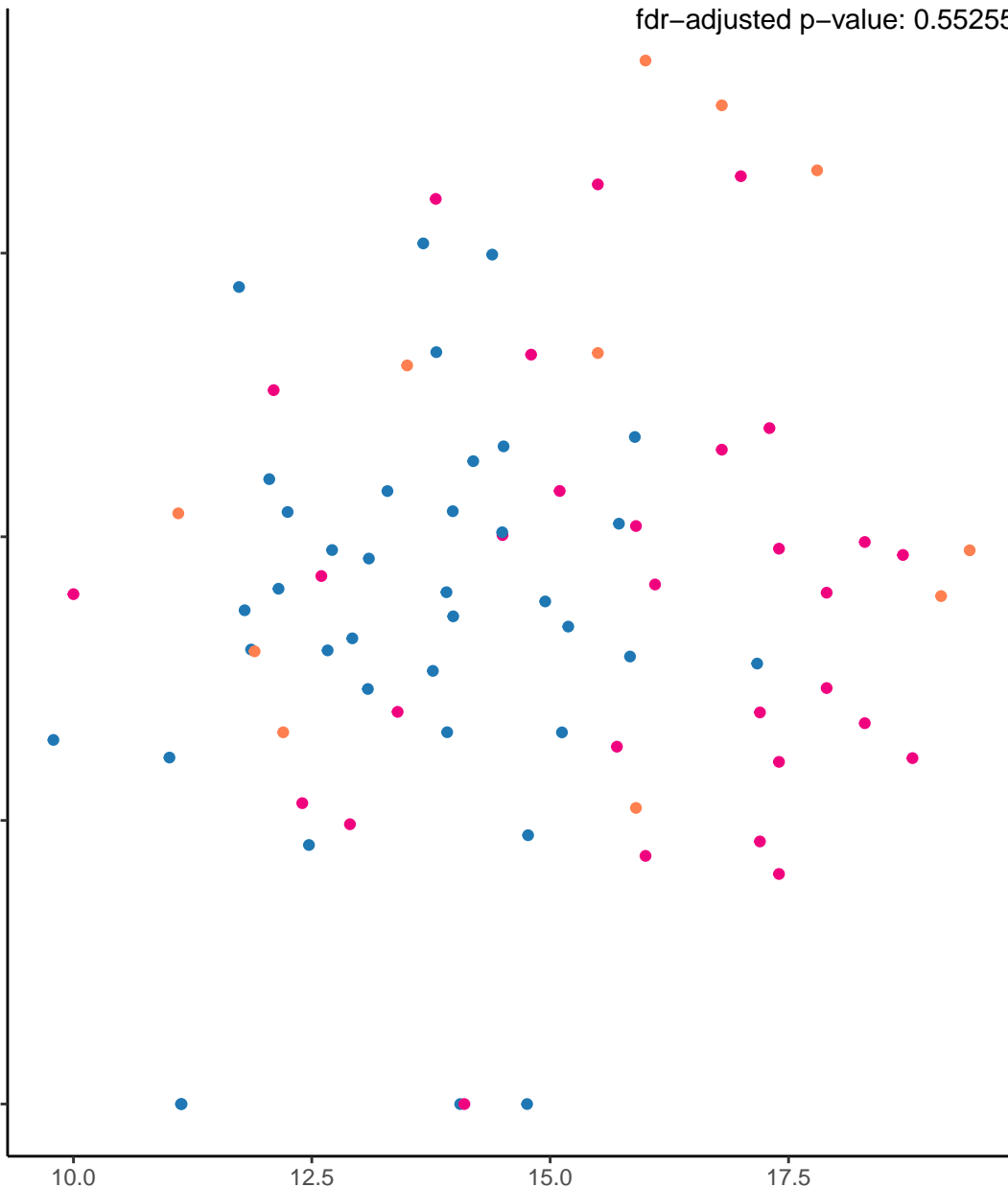
fdr-adjusted p-value: 0.55255

species: Eggerthella.[83]

BMI

ACUTE
CEED
FARGO

BMI



p-value: 0.19934

fdr-adjusted p-value: 0.55255

species: g__Alistipes (UB*)[16]

BMI

ACUTE
CEED
FARGO

10.0

BMI

12.5

15.0

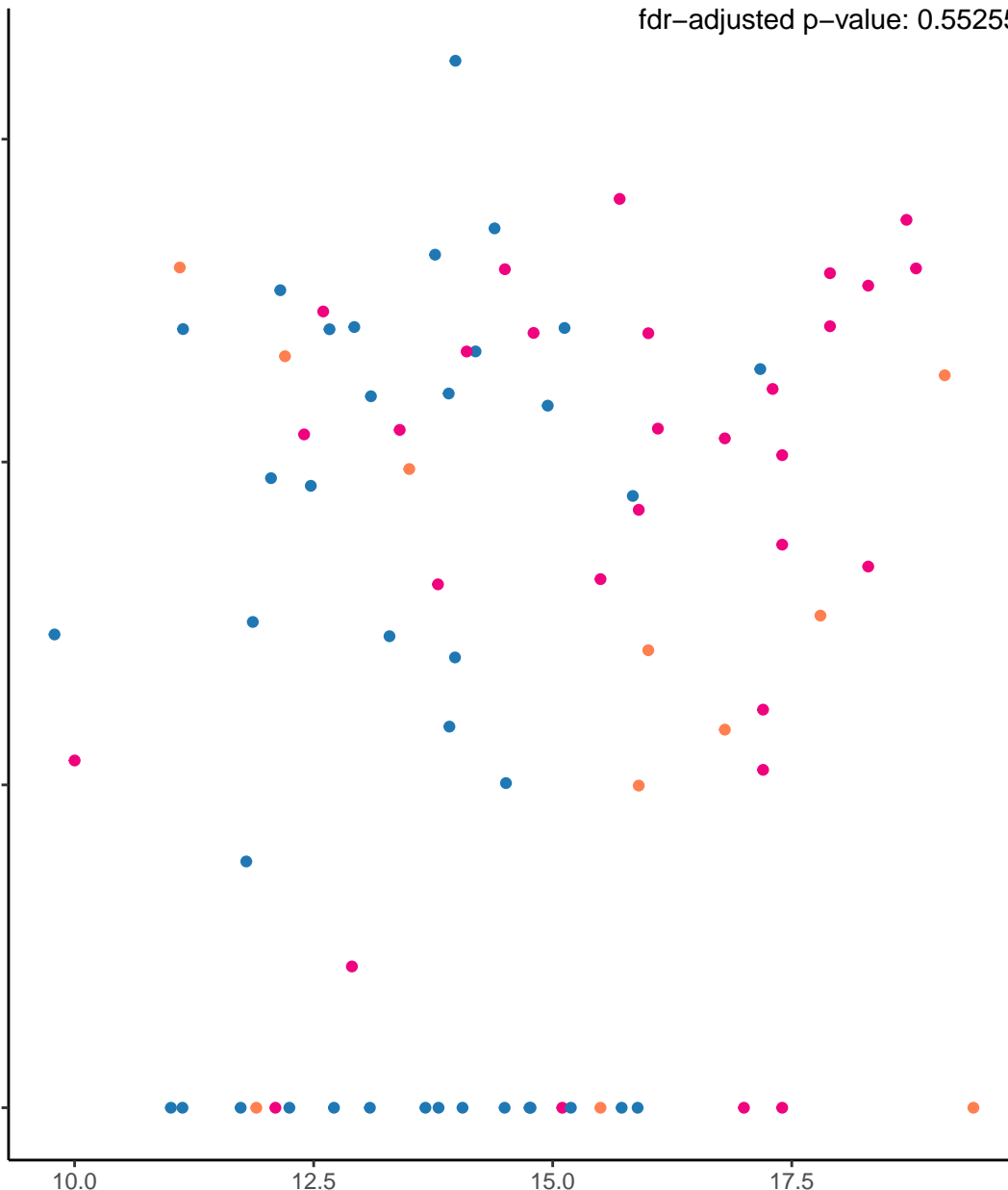
17.5

0

1

2

3



p-value: 0.2003

fdr-adjusted p-value: 0.55255

species: g__Ruminococcus_gnavus_group (UB*)[118]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

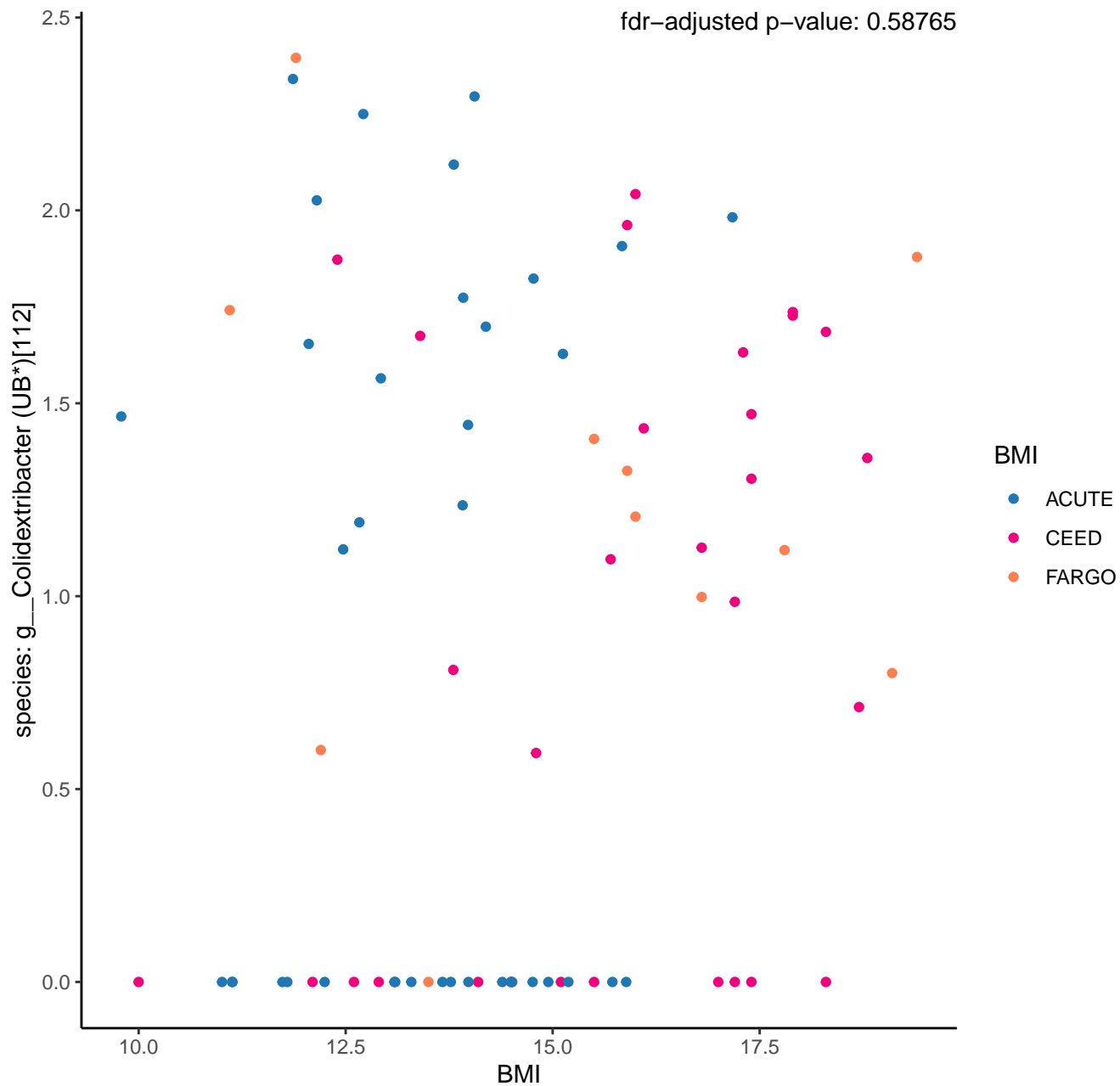
12.5

15.0

17.5

p-value: 0.21674

fdr-adjusted p-value: 0.58765



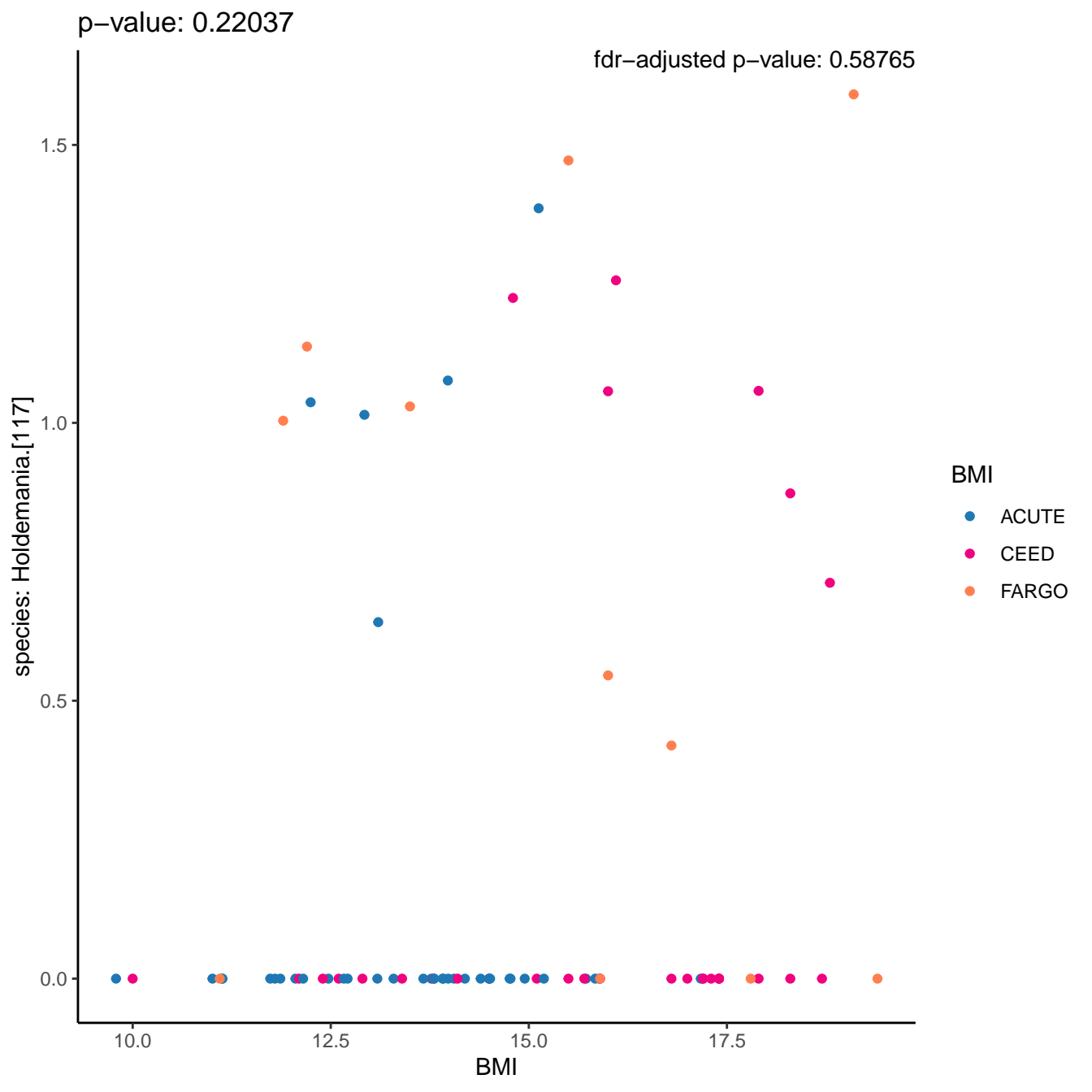
p-value: 0.22037

fdr-adjusted p-value: 0.58765

species: Holdemania.[117]

BMI

ACUTE
CEED
FARGO



p-value: 0.22694

fdr-adjusted p-value: 0.59437

species: Adlercreutzia.[81]

BMI

ACUTE
CEED
FARGO

10.0

BMI

15.0

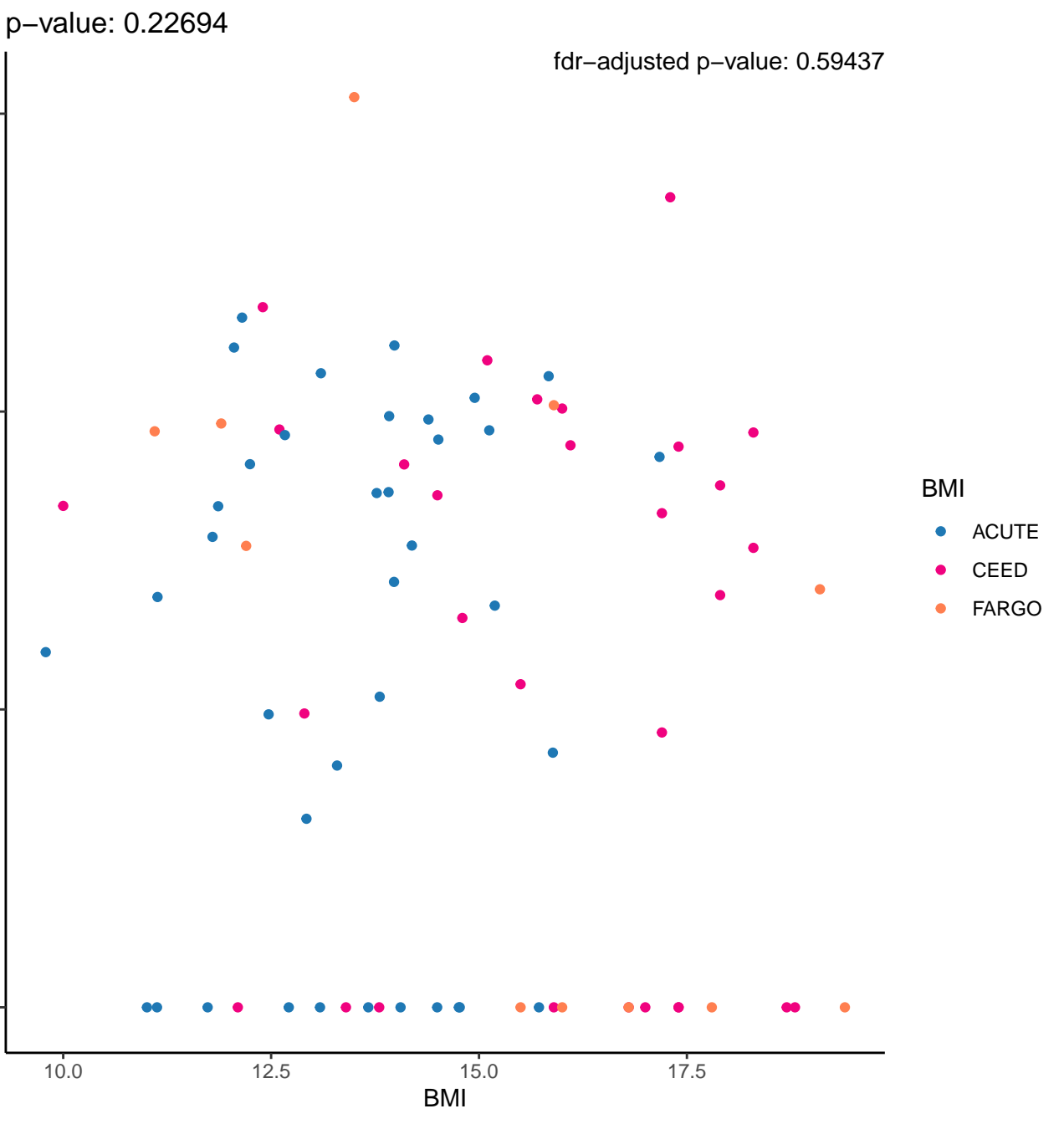
17.5

0

1

2

3



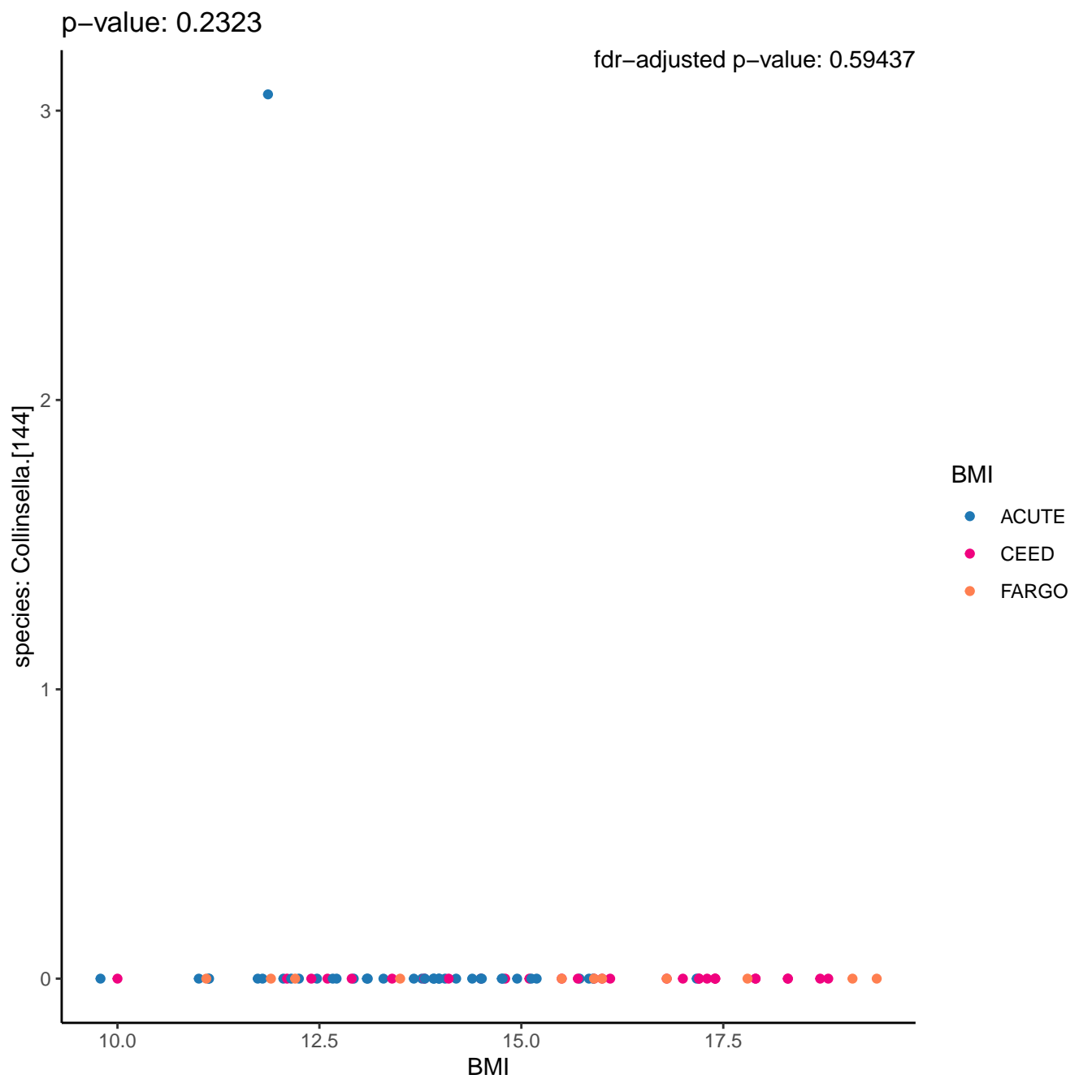
p-value: 0.2323

fdr-adjusted p-value: 0.59437

species: Collinsella.[144]

BMI

ACUTE
CEED
FARGO



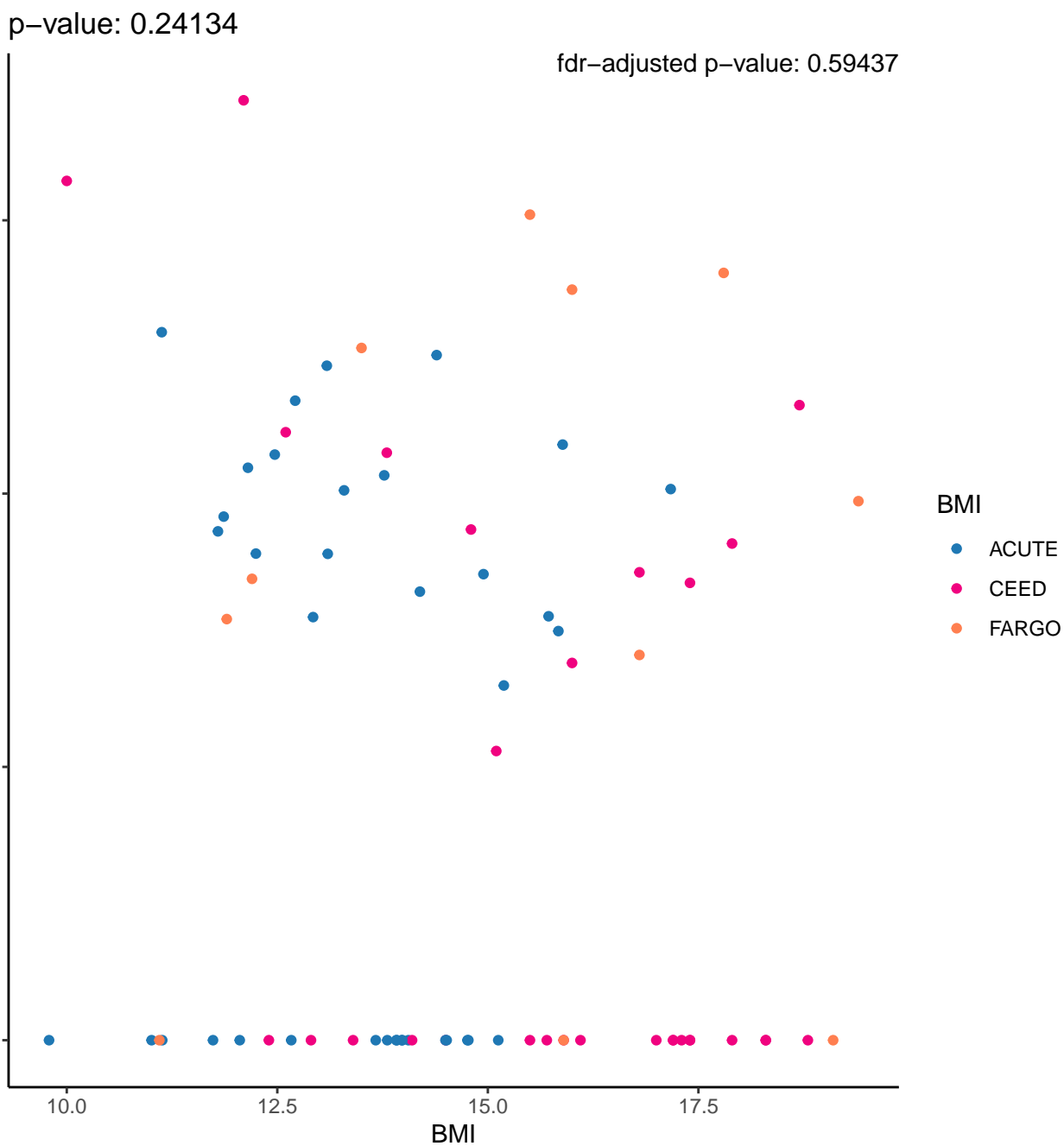
p-value: 0.24134

fdr-adjusted p-value: 0.59437

species: Oscillospirales.[108]

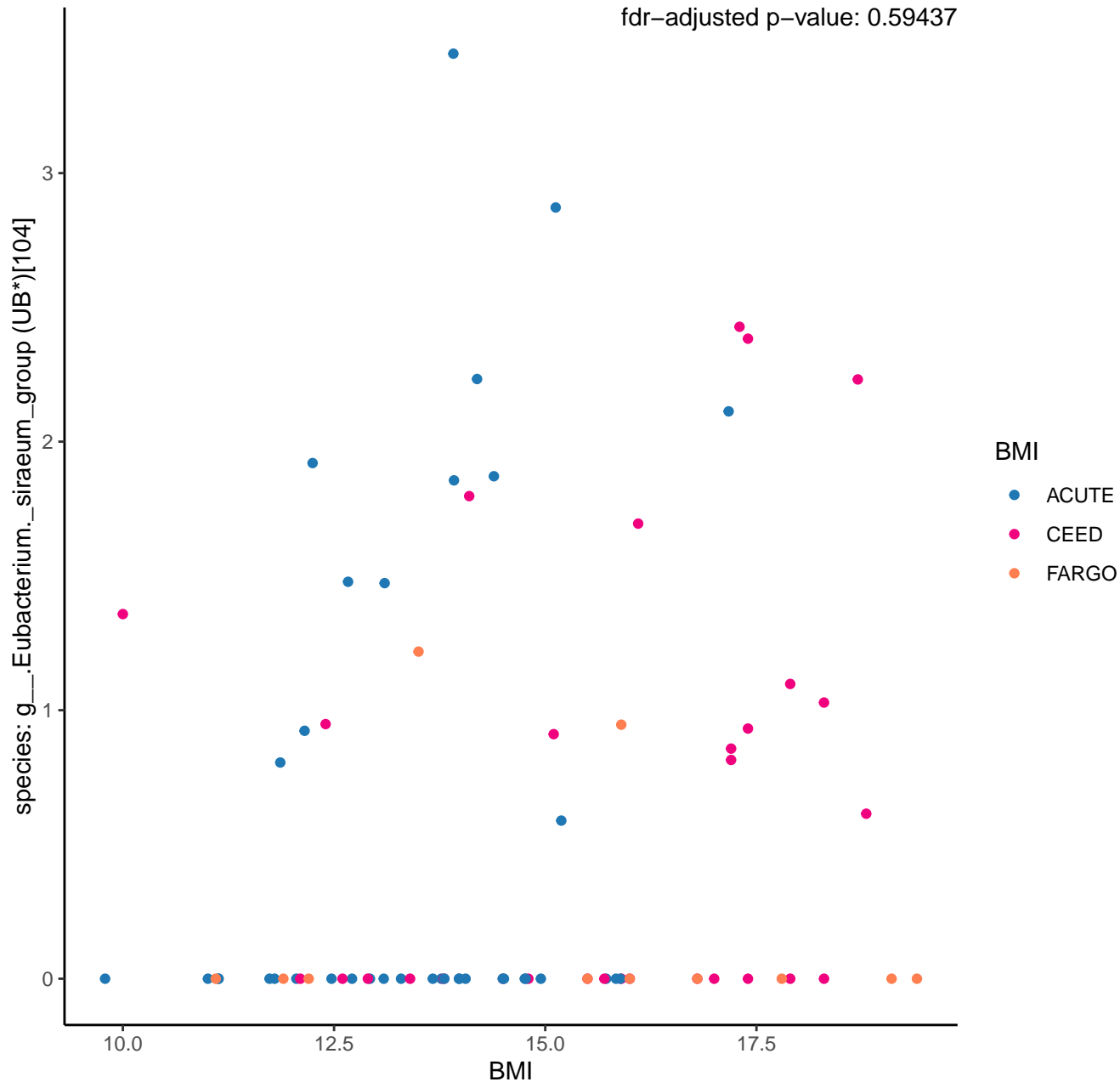
BMI

ACUTE
CEED
FARGO



p-value: 0.2421

fdr-adjusted p-value: 0.59437



p-value: 0.2457

fdr-adjusted p-value: 0.59437

species: g__Bifidobacterium (UB*)[32]

BMI

ACUTE
CEED
FARGO

10.0

BMI

15.0

17.5

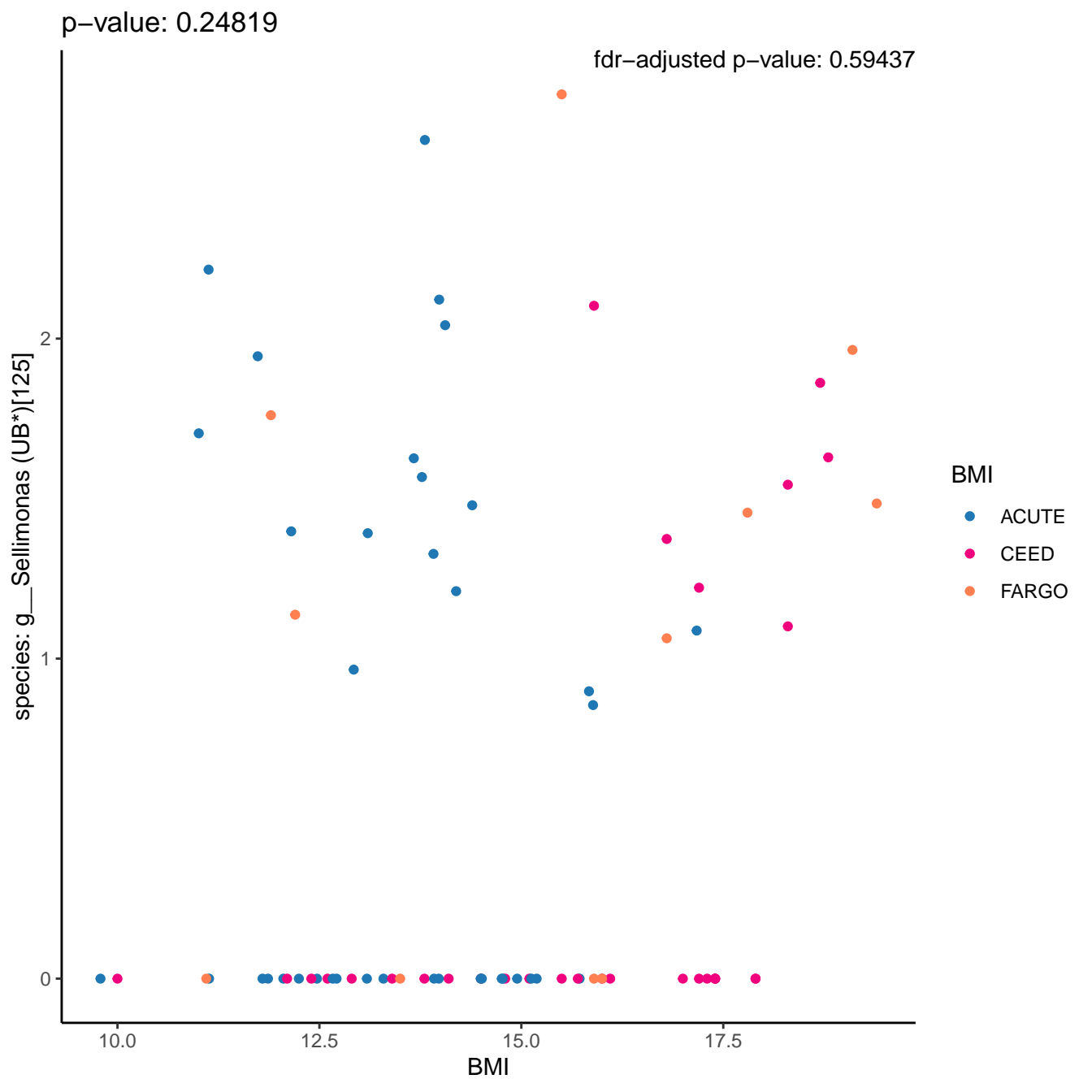
p-value: 0.24819

fdr-adjusted p-value: 0.59437

species: g__ Sellimonas (UB*)[125]

BMI

ACUTE
CEED
FARGO



p-value: 0.24889

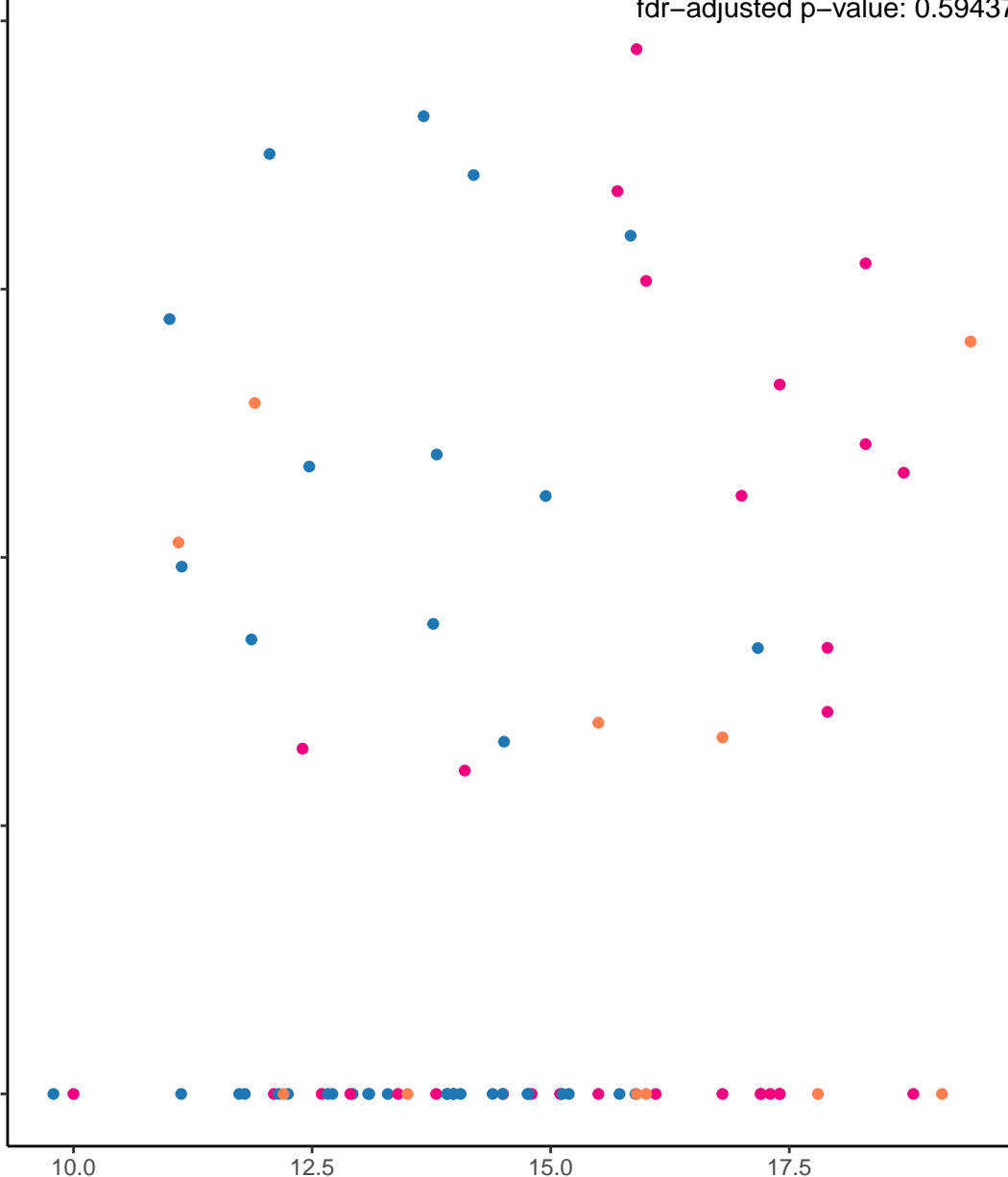
fdr-adjusted p-value: 0.59437

species: Bacteroides.[37]

BMI

ACUTE
CEED
FARGO

BMI



p-value: 0.25781

fdr-adjusted p-value: 0.60279

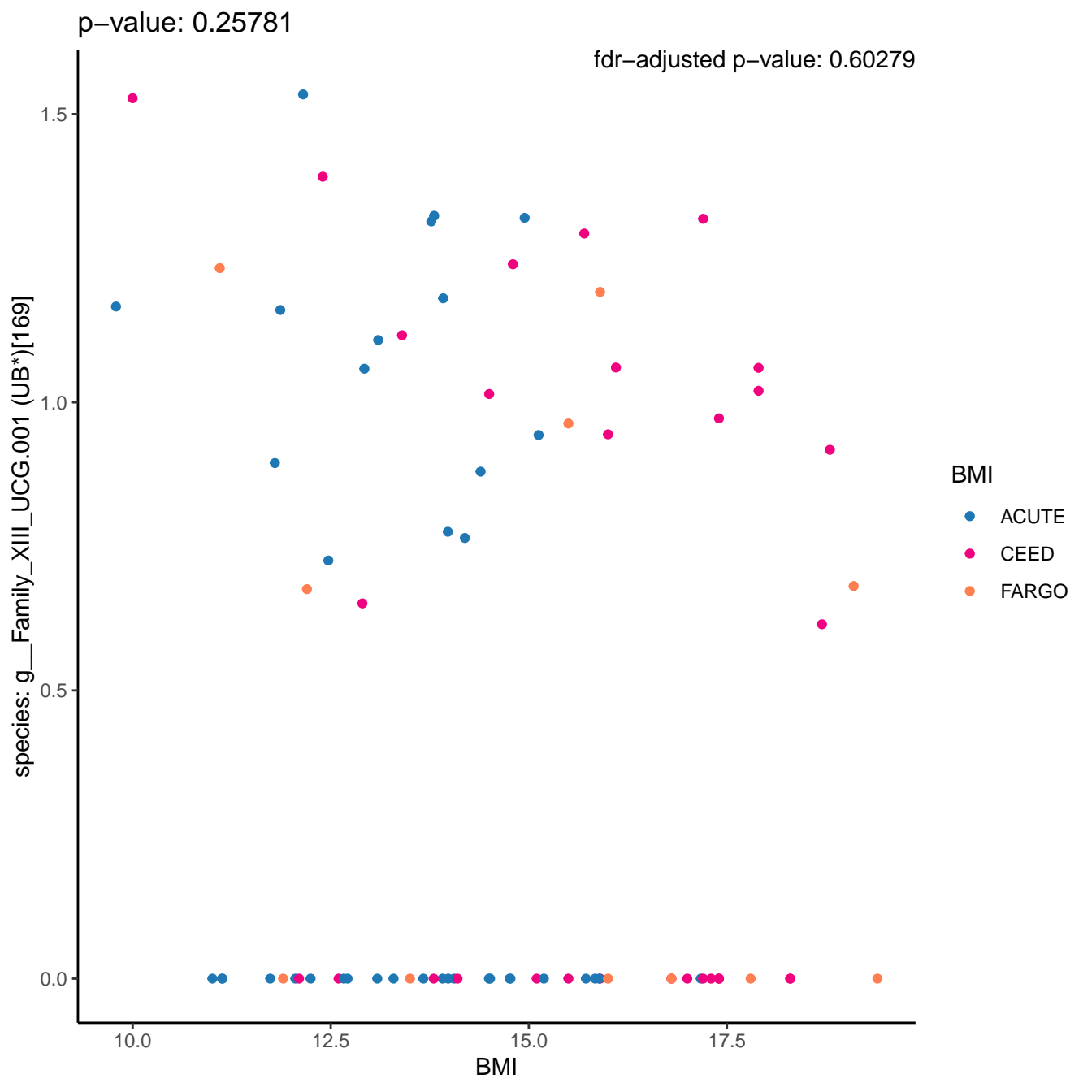
species: g__Family_XIII_UCG.001 (UB*)[169]

BMI

ACUTE

CEED

FARGO



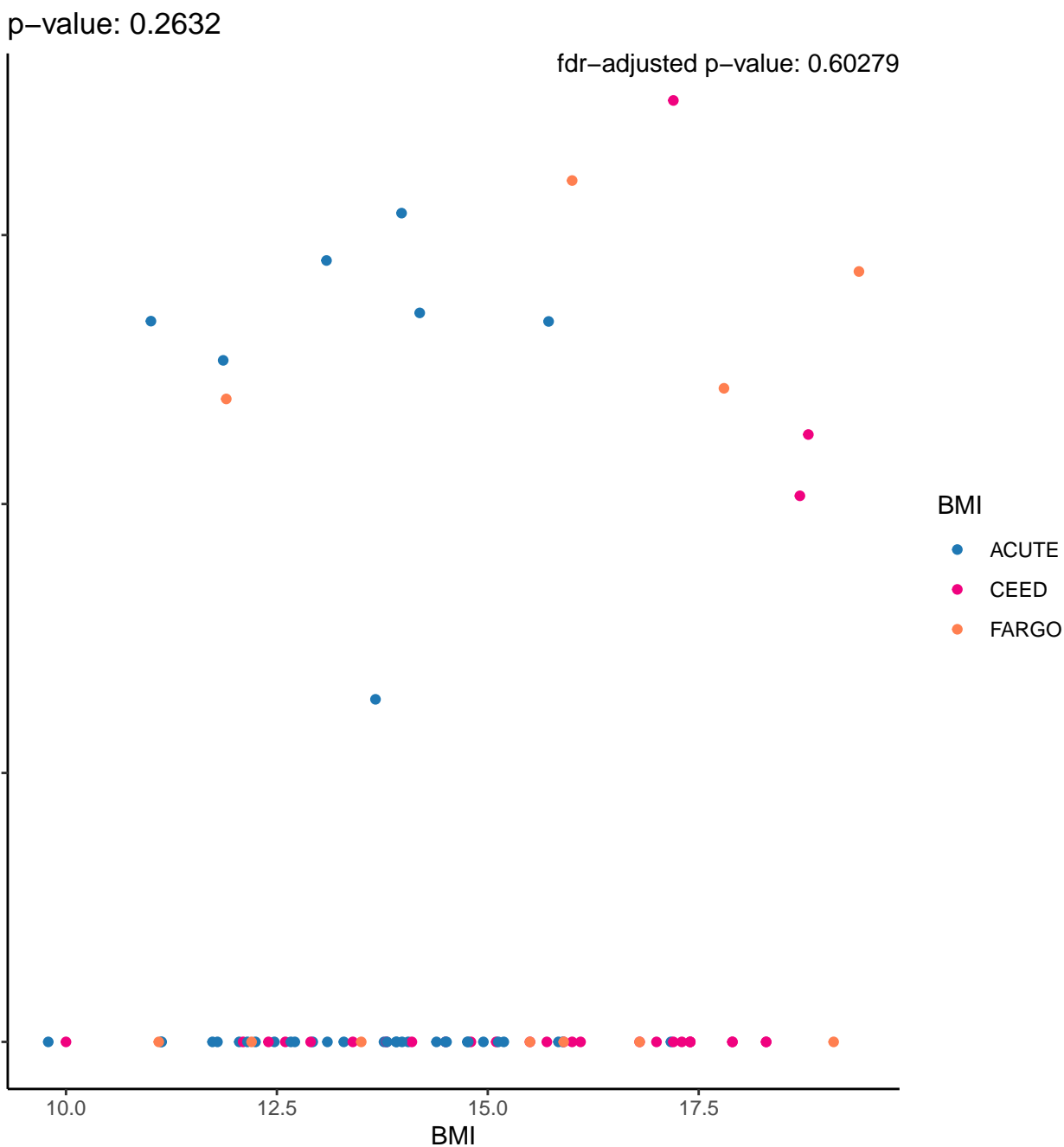
p-value: 0.2632

fdr-adjusted p-value: 0.60279

species: uncultured_organism[163]

BMI

ACUTE
CEED
FARGO



p-value: 0.26372

fdr-adjusted p-value: 0.60279

species: g__Megasphaera (UB*)[21]

BMI

- ACUTE
- CEED
- FARGO

0.0

0.2

0.4

0.6

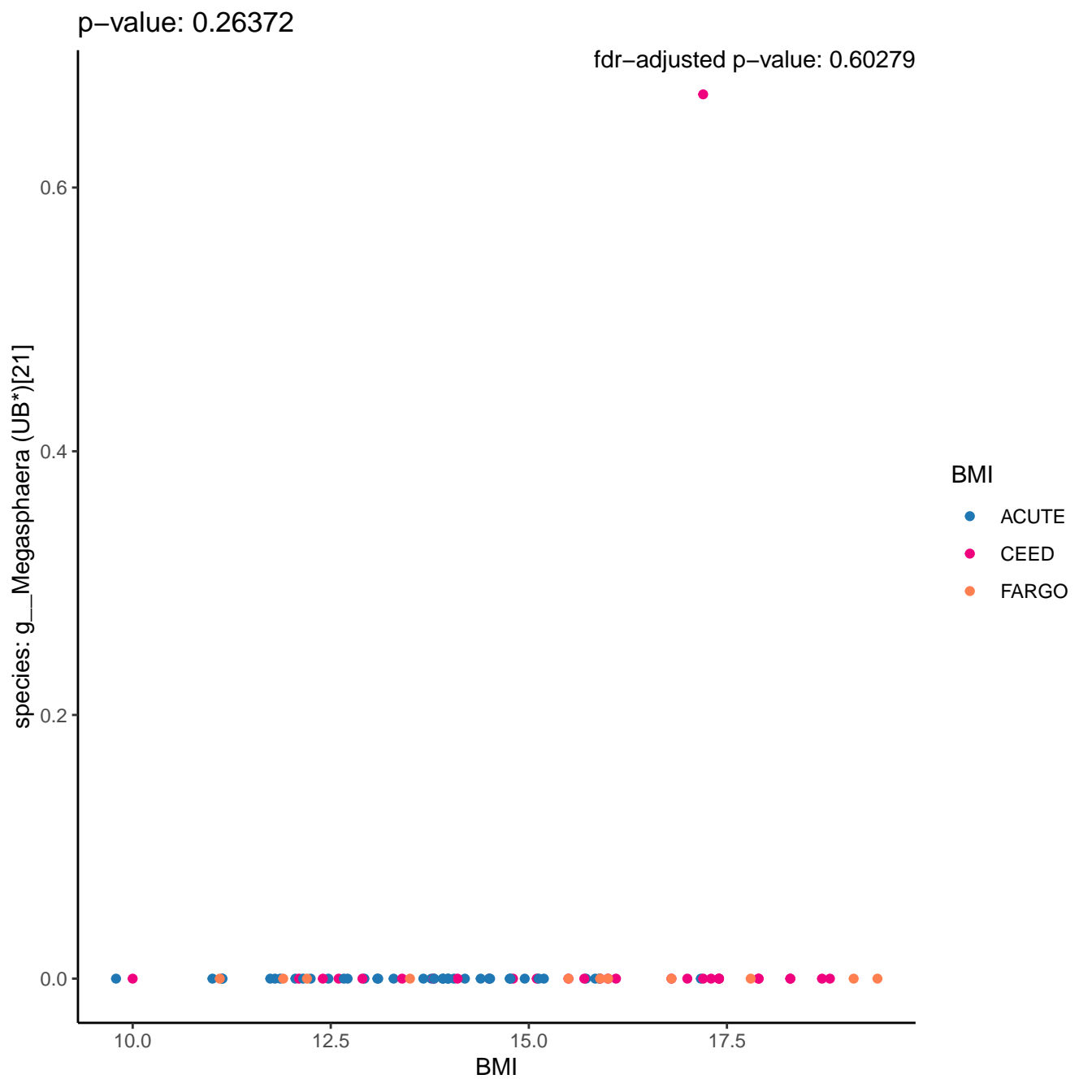
10.0

12.5

BMI

15.0

17.5



p-value: 0.27761

fdr-adjusted p-value: 0.6229

species: g__Haemophilus (UB*)[109]

BMI

ACUTE
CEED
FARGO

1.0

0.5

0.0

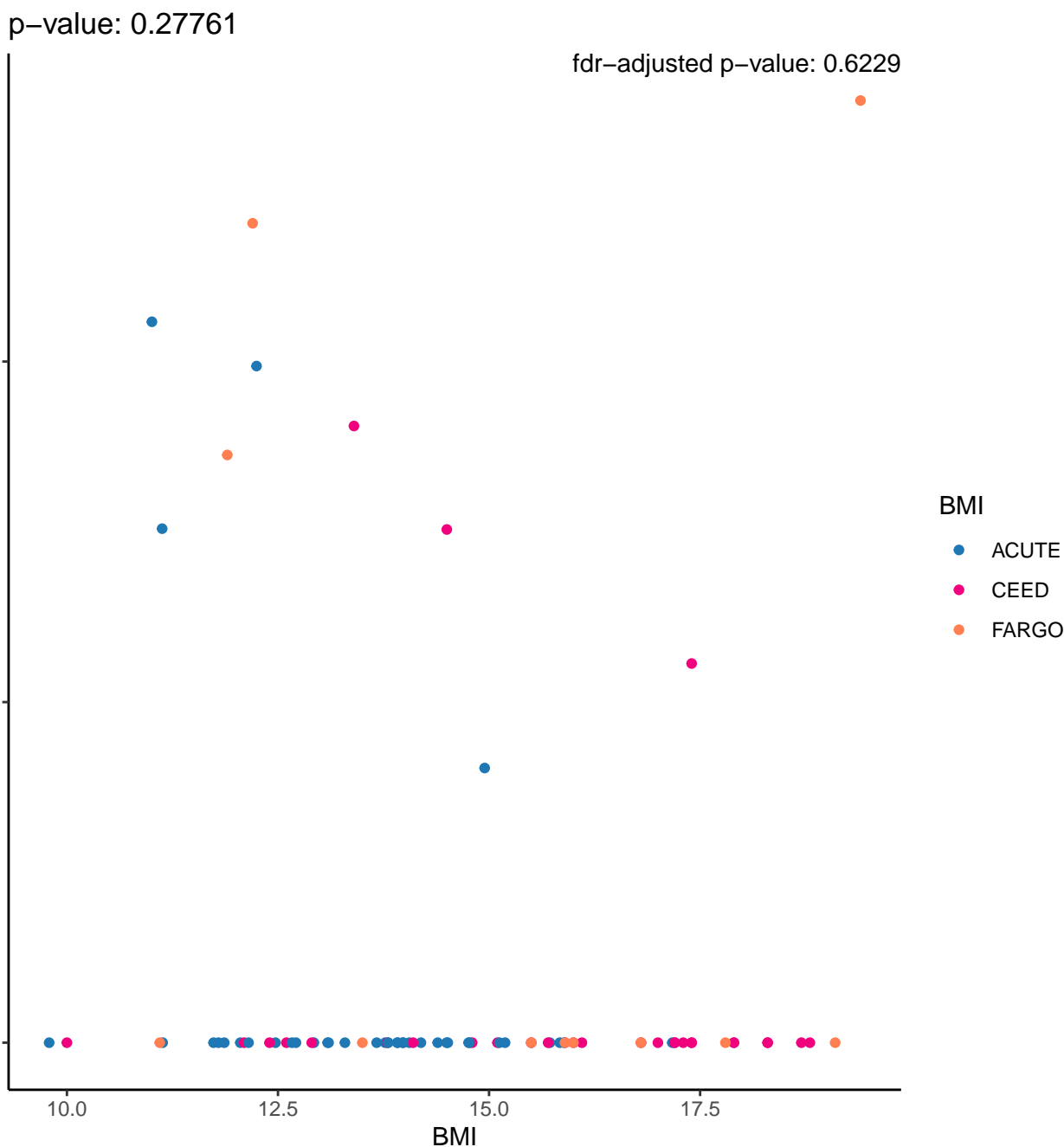
10.0

12.5

BMI

15.0

17.5



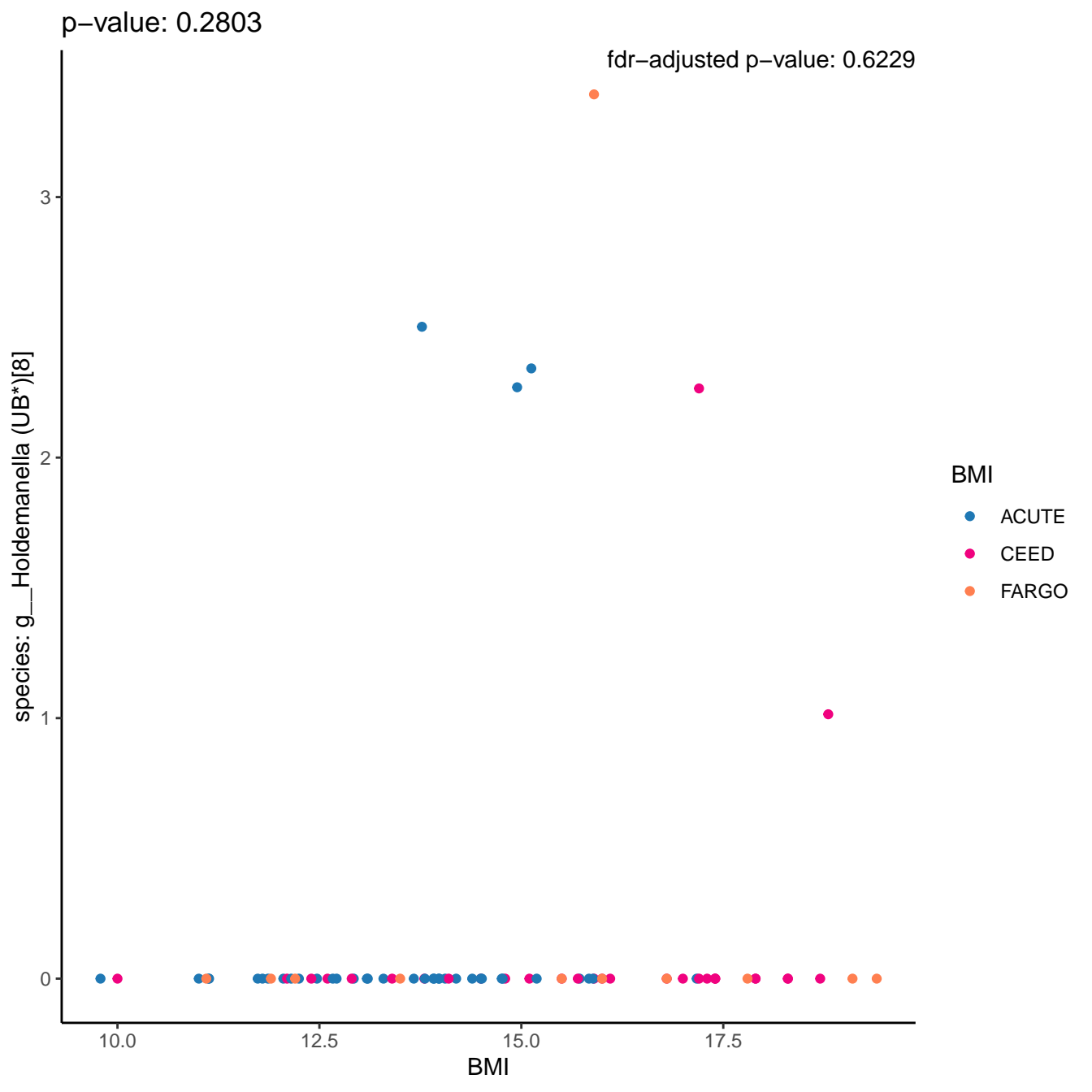
p-value: 0.2803

fdr-adjusted p-value: 0.6229

species: g__Holdemanella (UB*)[8]

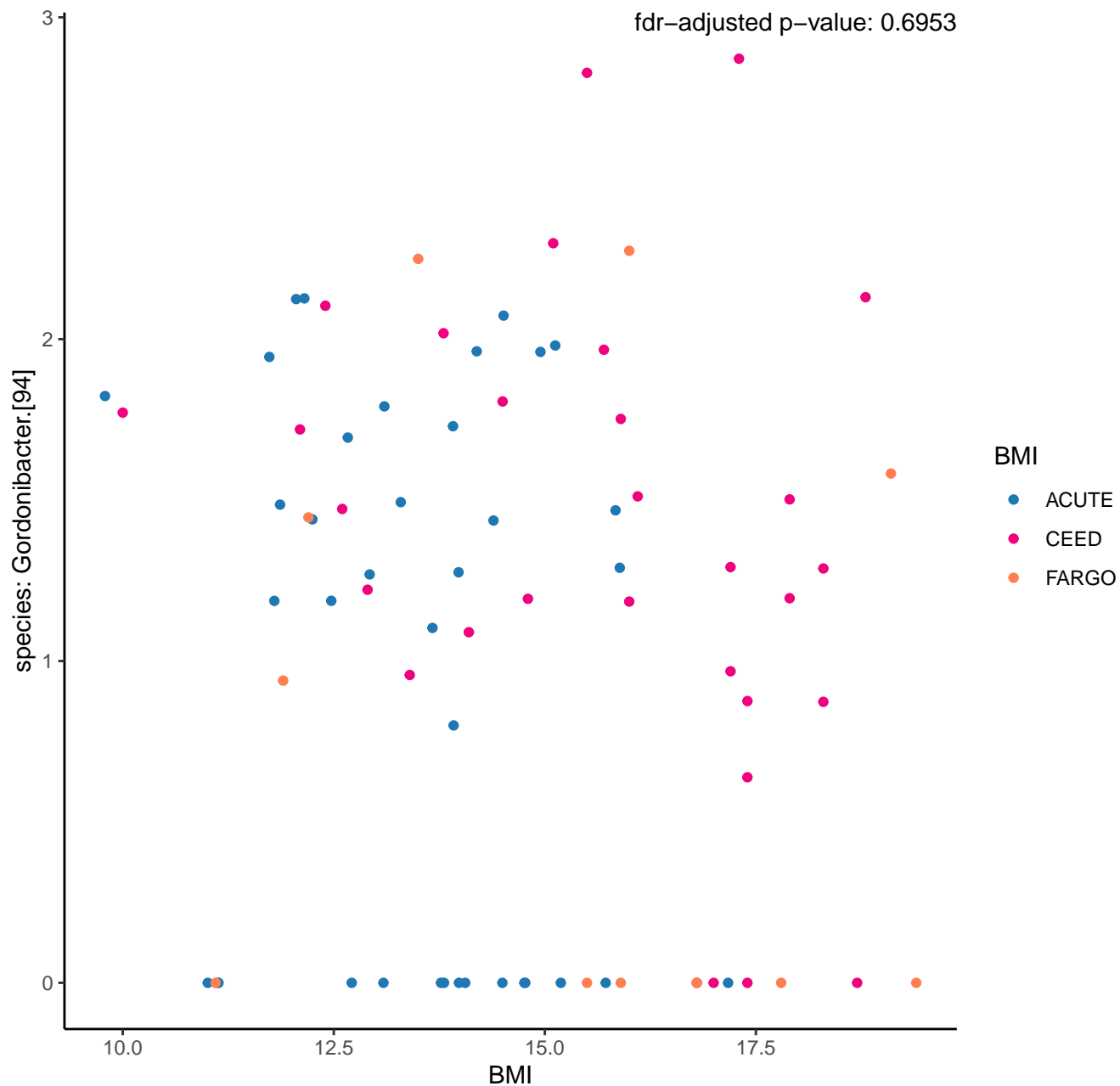
BMI

- ACUTE
- CEED
- FARGO



p-value: 0.31723

fdr-adjusted p-value: 0.6953



p-value: 0.33999

fdr-adjusted p-value: 0.7156

species: *Desulfovibrio*. [95]

BMI

- ACUTE
- CEED
- FARGO

10.0

12.5

BMI

15.0

17.5

0.0

0.5

1.0

1.5

2.0

p-value: 0.34572

fdr-adjusted p-value: 0.7156

species: g__Sutterella (UB*)[160]

BMI

- ACUTE
- CEED
- FARGO

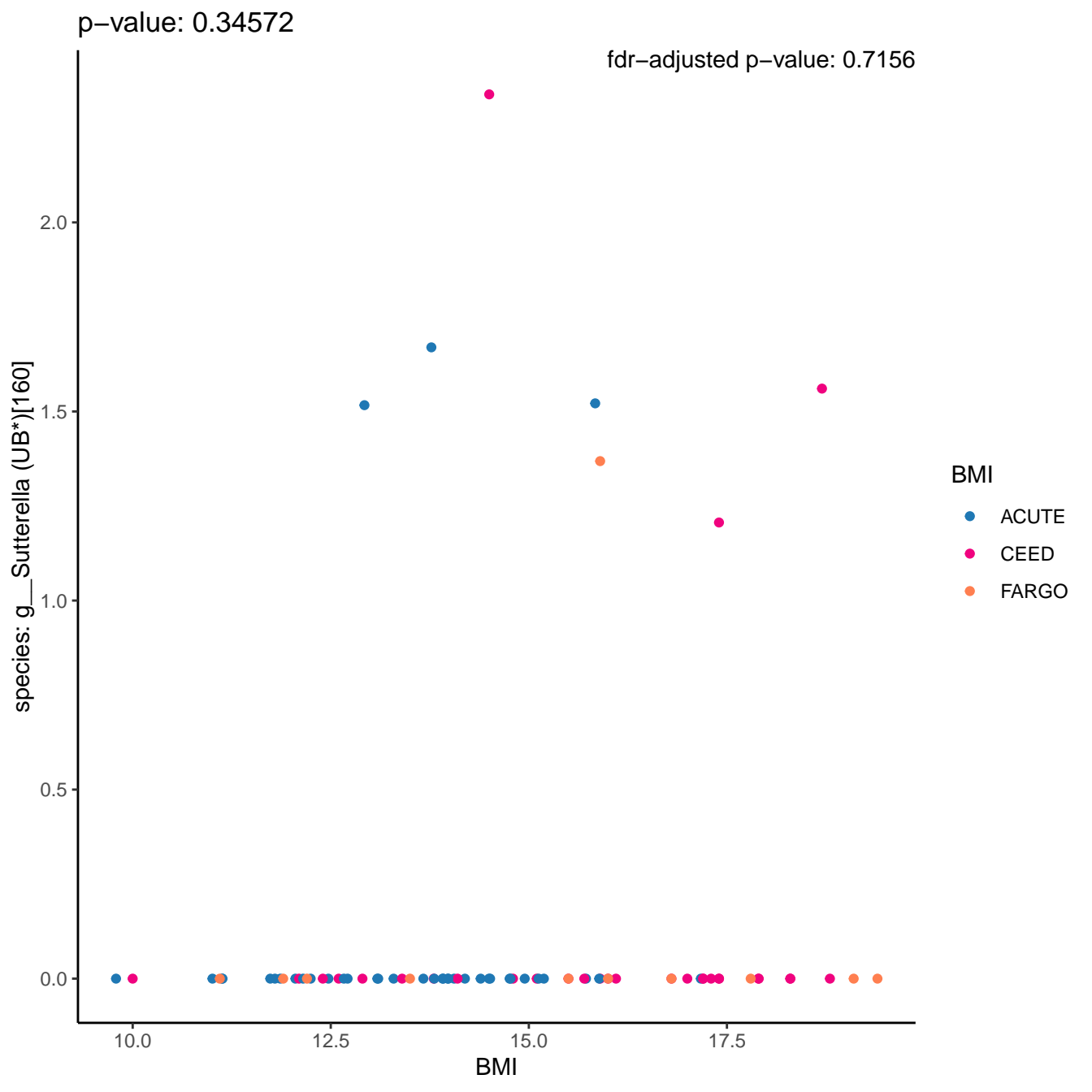
10.0

12.5

BMI

15.0

17.5



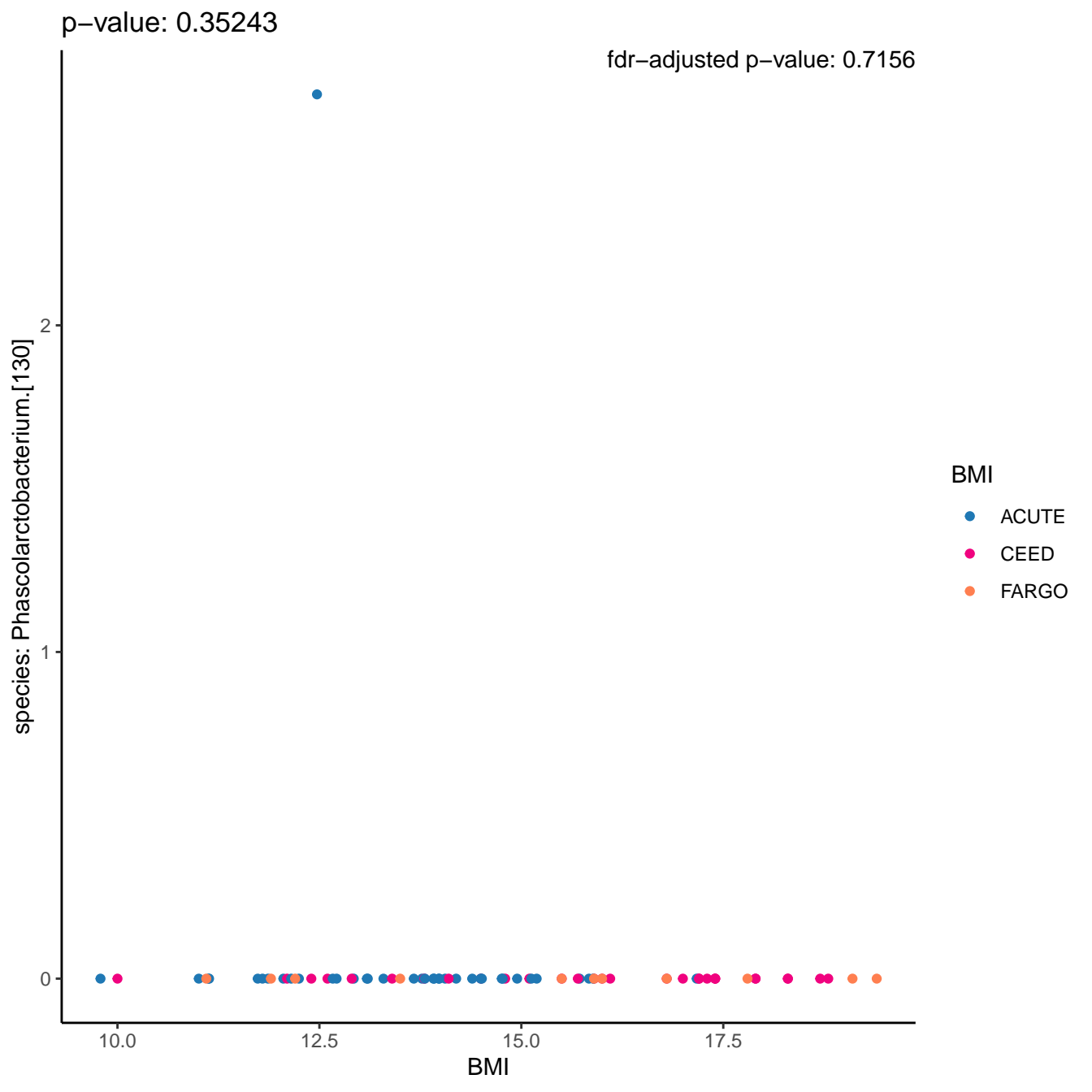
p-value: 0.35243

fdr-adjusted p-value: 0.7156

species: Phascolarctobacterium.[130]

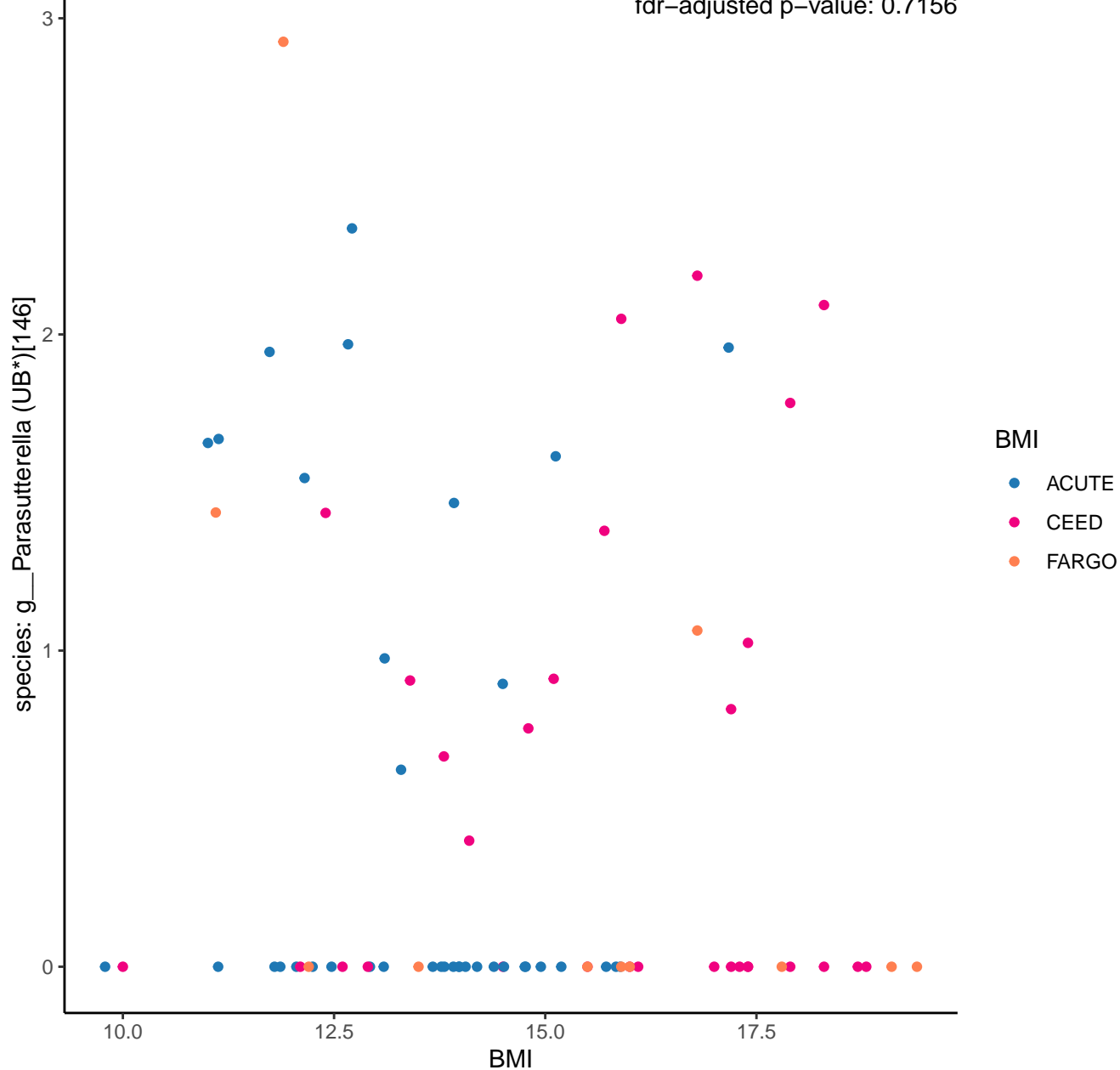
BMI

- ACUTE
- CEED
- FARGO



p-value: 0.3529

fdr-adjusted p-value: 0.7156



p-value: 0.35573

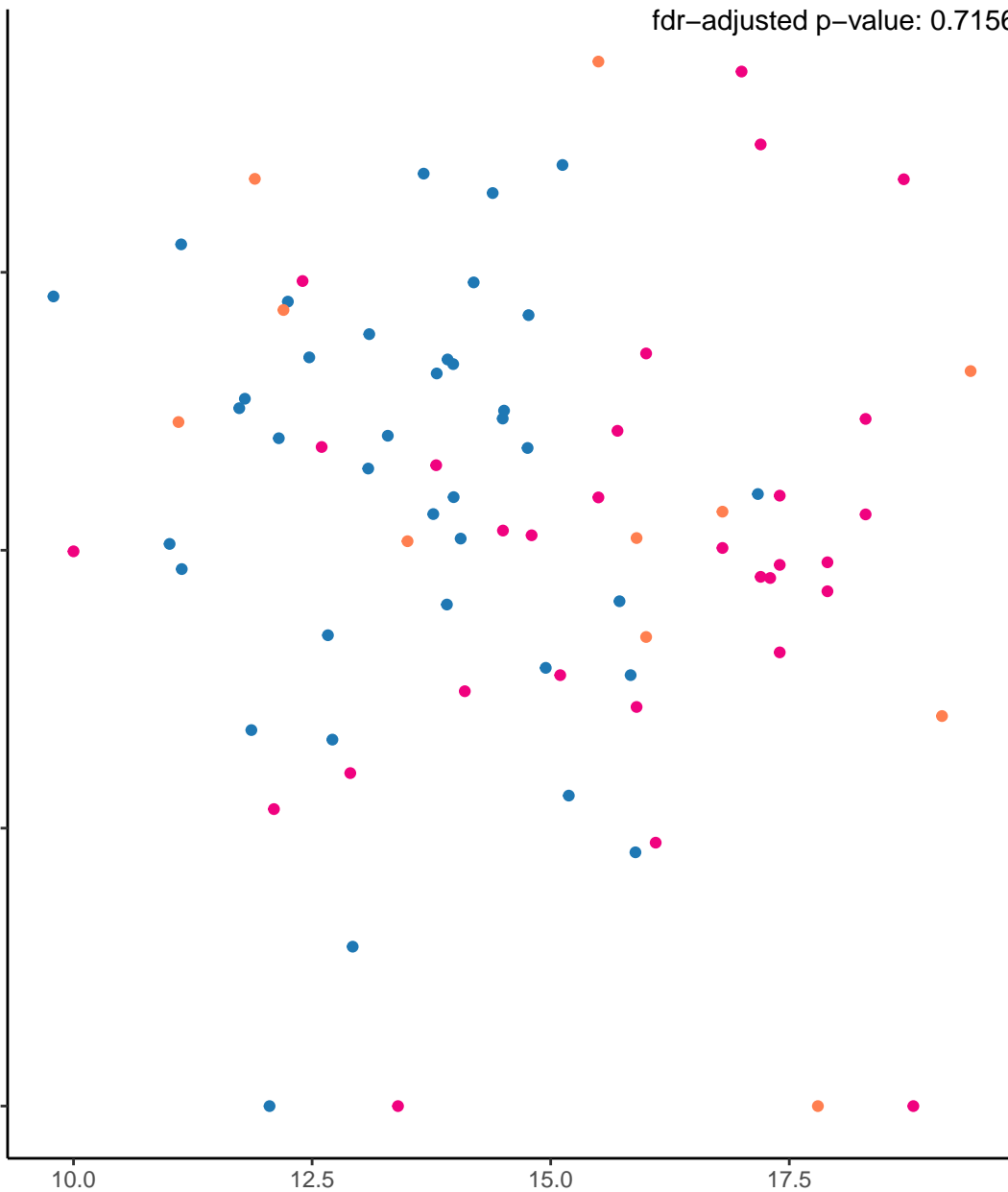
fdr-adjusted p-value: 0.7156

species: *Streptococcus salivarius*[4]

BMI

ACUTE
CEED
FARGO

BMI



p-value: 0.3607

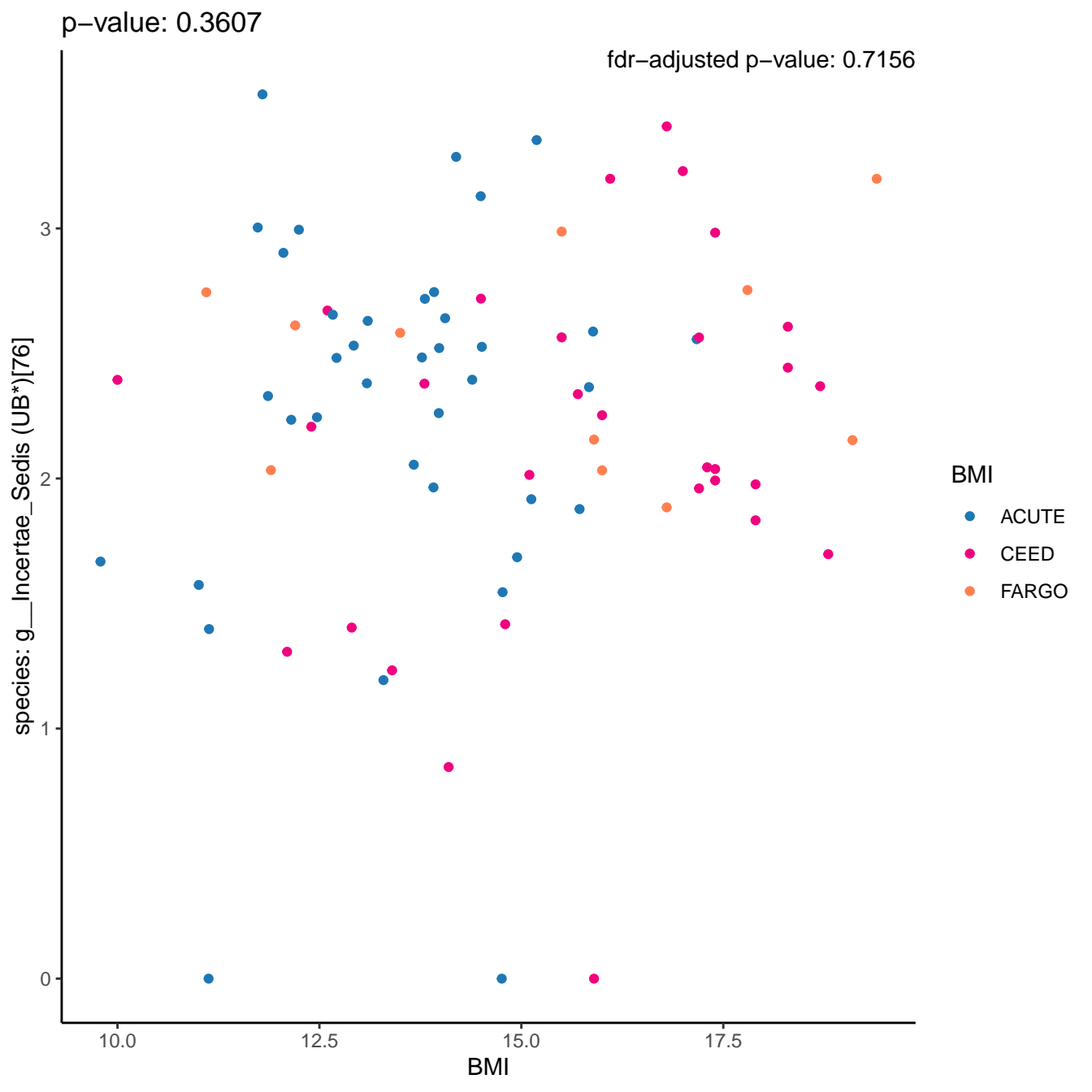
fdr-adjusted p-value: 0.7156

species: g__Incertae_Sedis (UB*)[76]

BMI

ACUTE
CEED
FARGO

BMI



p-value: 0.36425

fdr-adjusted p-value: 0.7156

species: g__Hungatella (UB*)[87]

BMI

ACUTE

CEED

FARGO

10.0

12.5

BMI

15.0

17.5

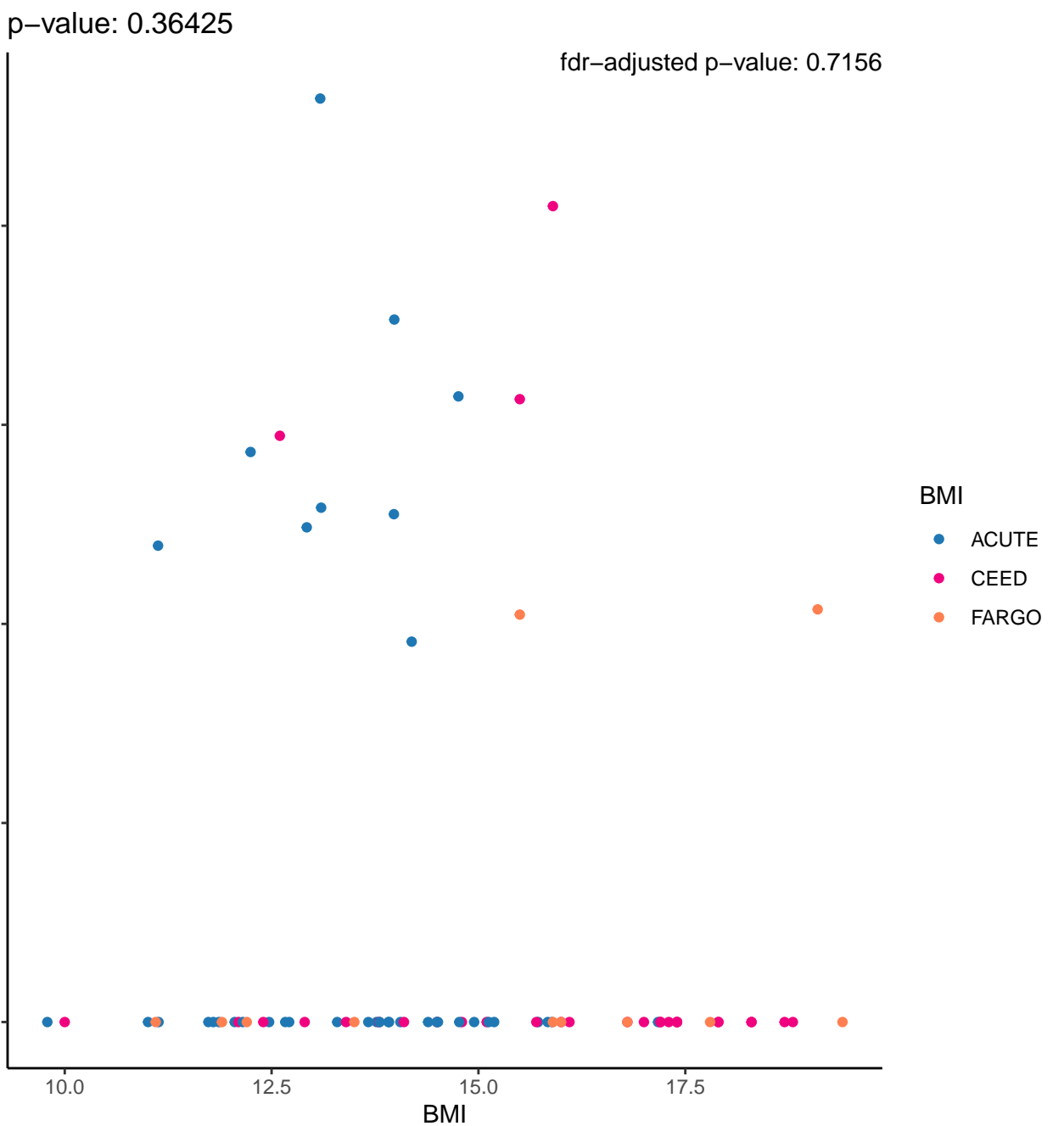
0.0

0.5

1.0

1.5

2.0



p-value: 0.37094

fdr-adjusted p-value: 0.7156

species: g__UCG.002 (UB*)[53]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

15.0

17.5

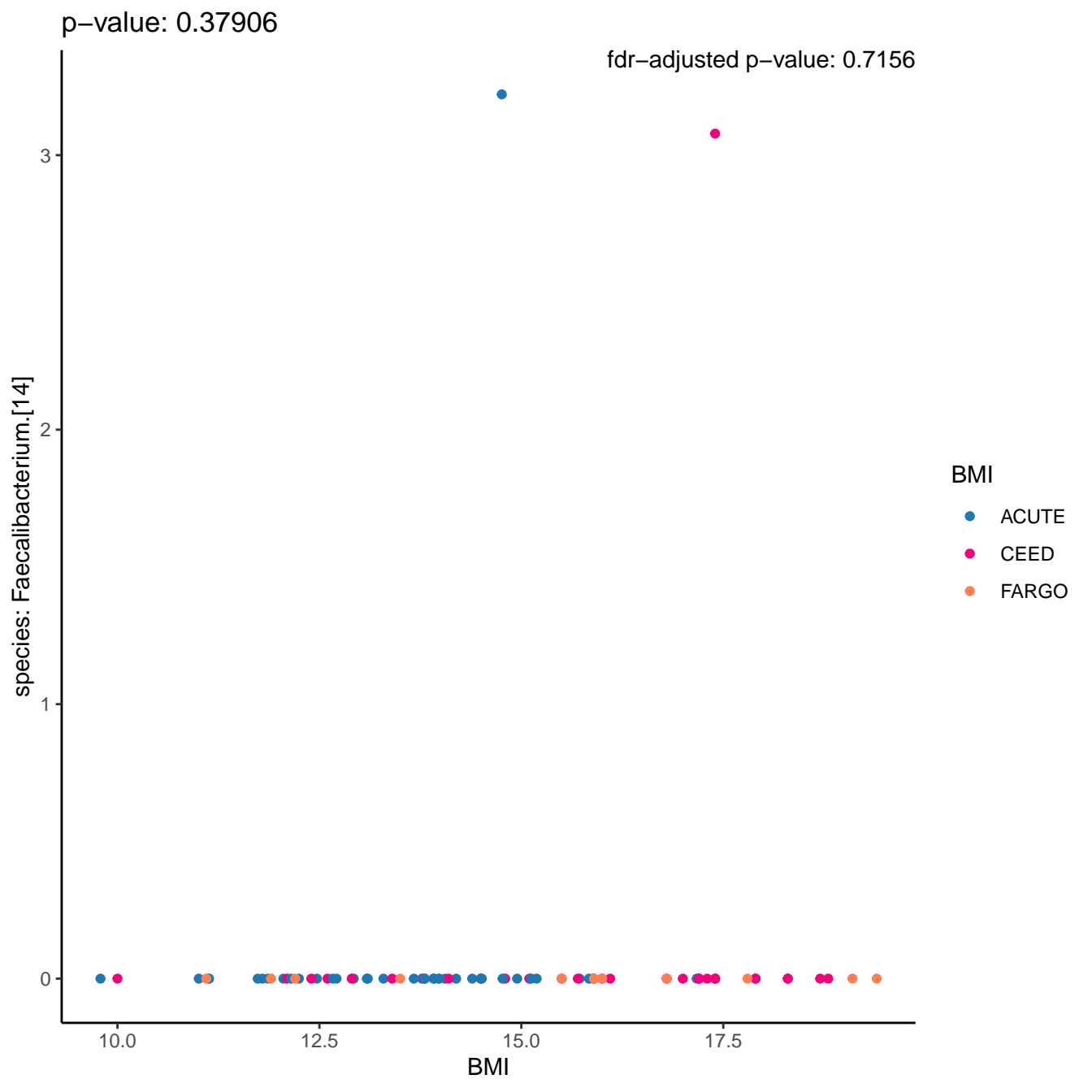
p-value: 0.37906

fdr-adjusted p-value: 0.7156

species: Faecalibacterium.[14]

BMI

- ACUTE
- CEED
- FARGO



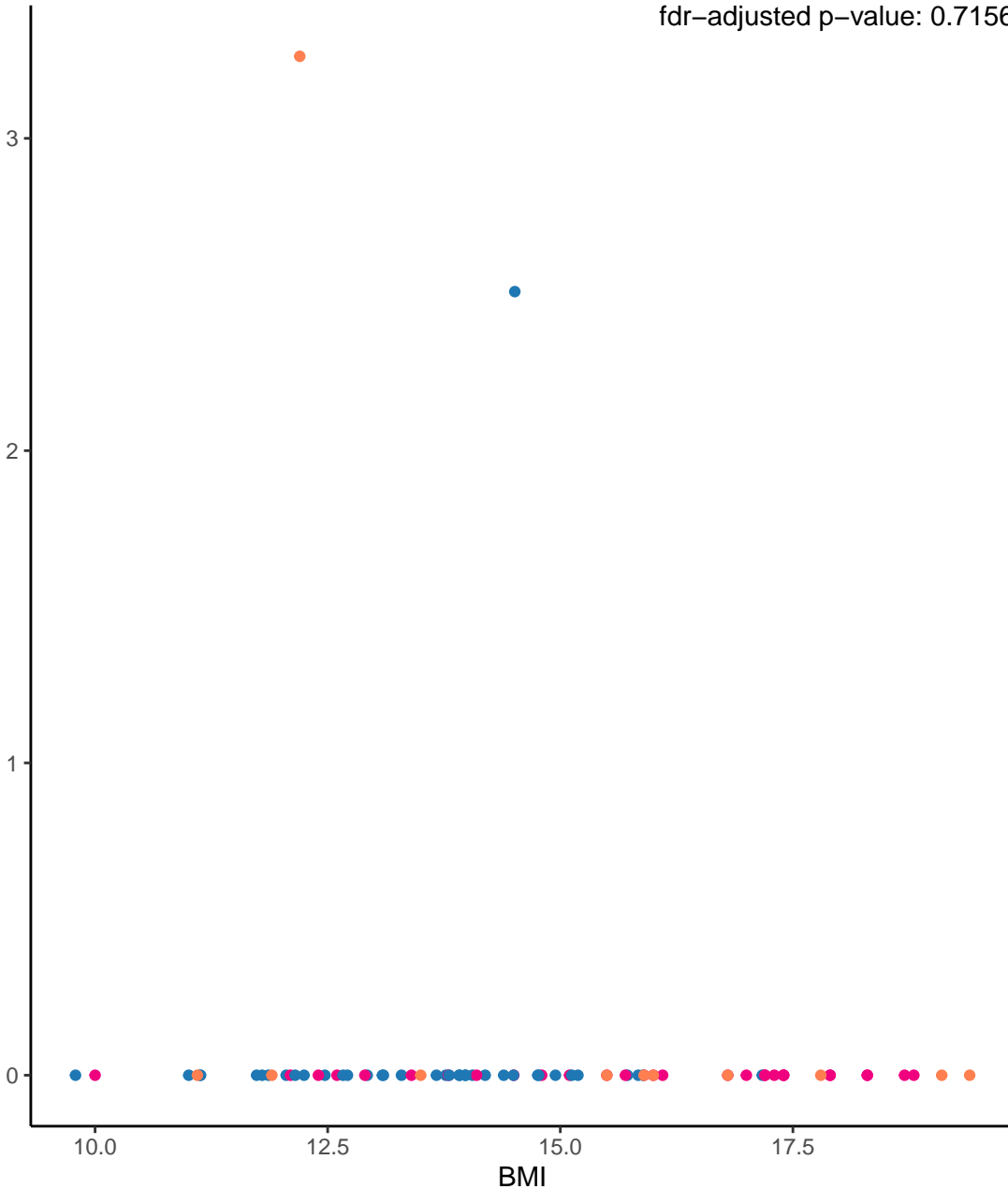
p-value: 0.38792

fdr-adjusted p-value: 0.7156

species: Ruminococcus.[99]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.38917

fdr-adjusted p-value: 0.7156

species: *Lactobacillus_helveticus*[142]

BMI

- ACUTE
- CEED
- FARGO

0

1

2

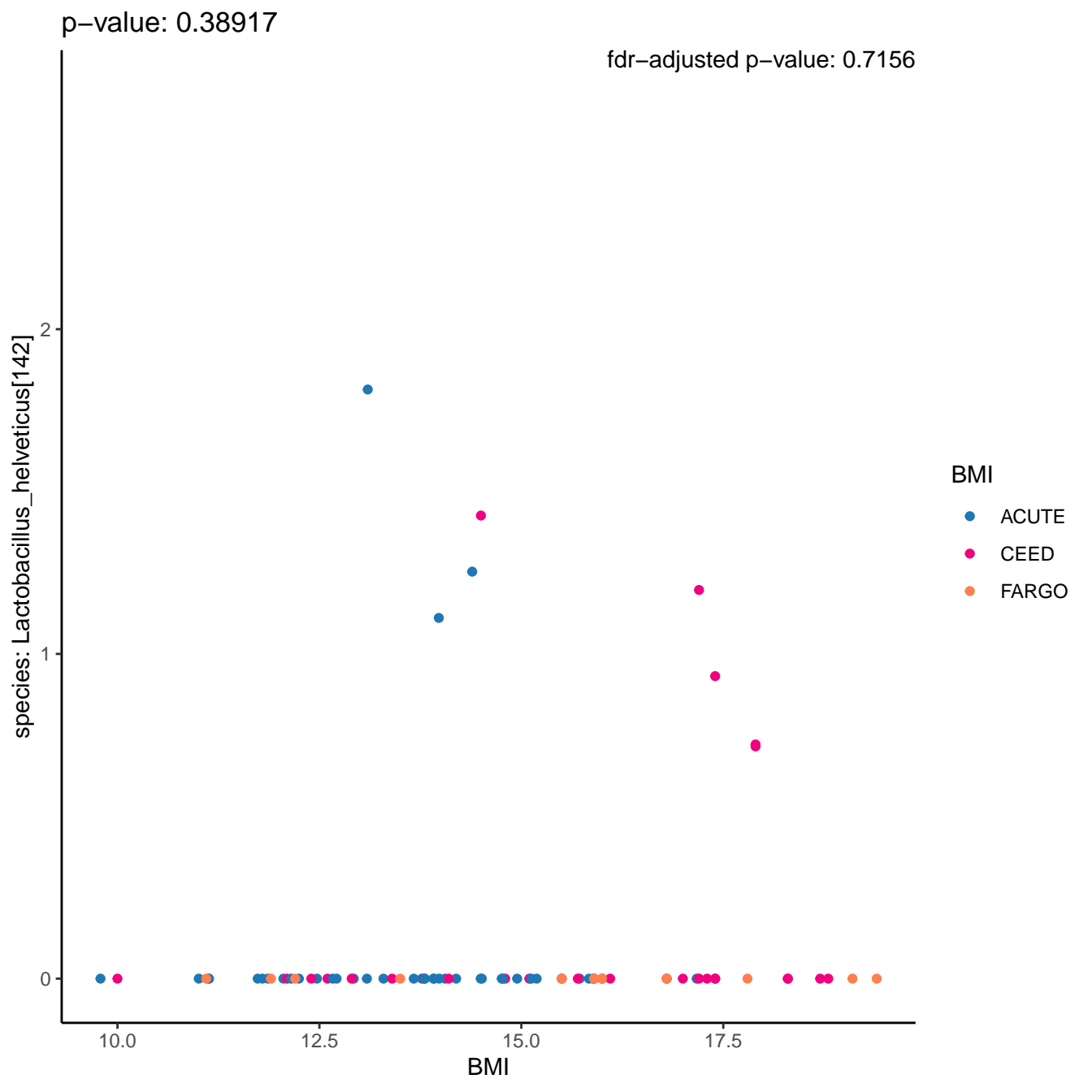
10.0

BMI

12.5

15.0

17.5



p-value: 0.38955

fdr-adjusted p-value: 0.7156

species: g__Collinsella (UB*)[36]

BMI

ACUTE
CEED
FARGO

10.0

BMI

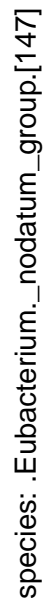
12.5

15.0

17.5

p-value: 0.38997

fdr-adjusted p-value: 0.7156



BMI

- ACUTE

- CEED

- FARGO

BMI

p-value: 0.40356

fdr-adjusted p-value: 0.7156

species: g__Senegalimassilia (UB*)[58]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

12.5

15.0

17.5

0

1

2

3

p-value: 0.40605

fdr-adjusted p-value: 0.7156

species: g__Lachnospiraceae_NK4A136_group (UB*)[79]

BMI

ACUTE
CEED
FARGO

10.0

BMI

15.0

17.5

0

1

2

3

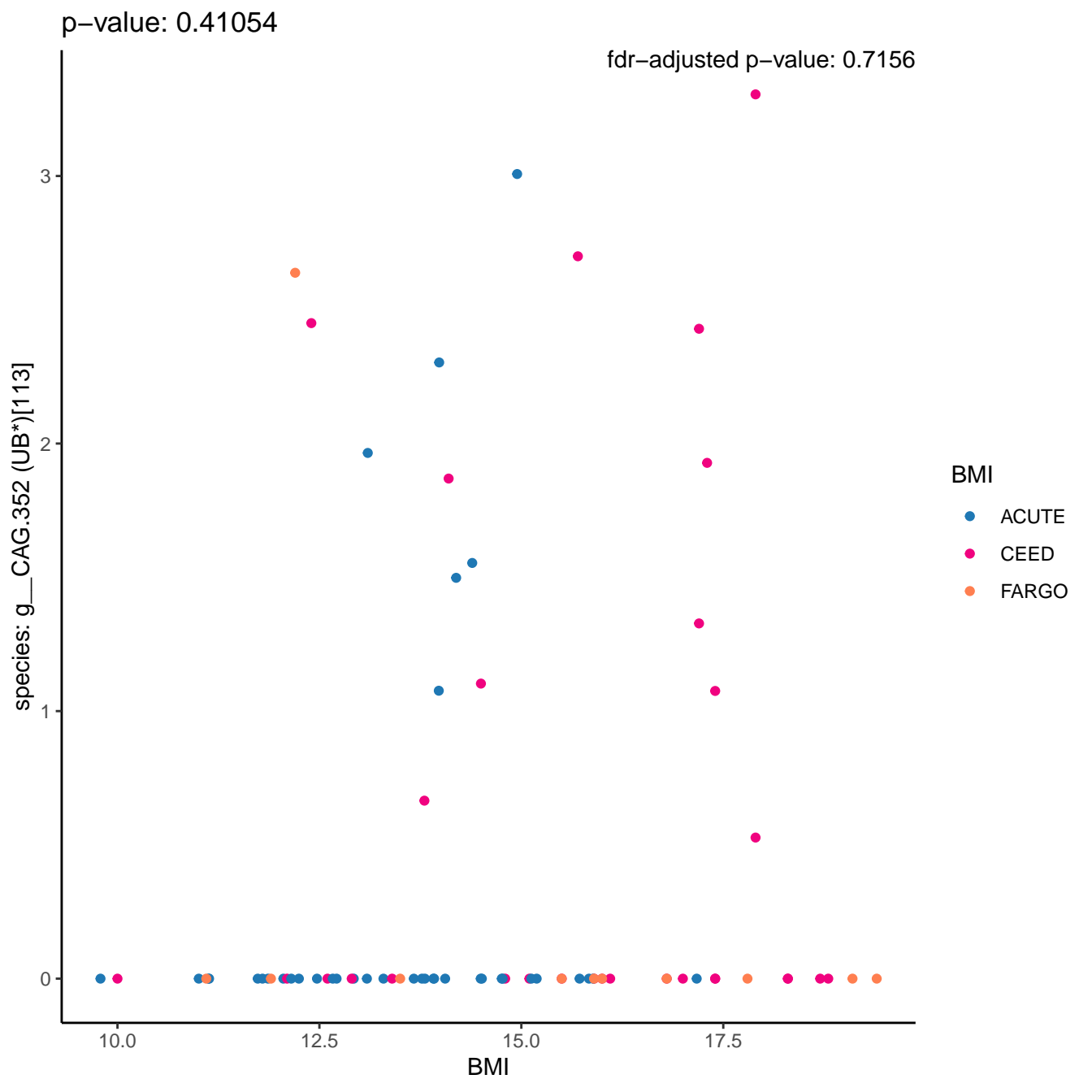
p-value: 0.41054

fdr-adjusted p-value: 0.7156

species: g__CAG.352 (UB*)[113]

BMI

ACUTE
CEED
FARGO



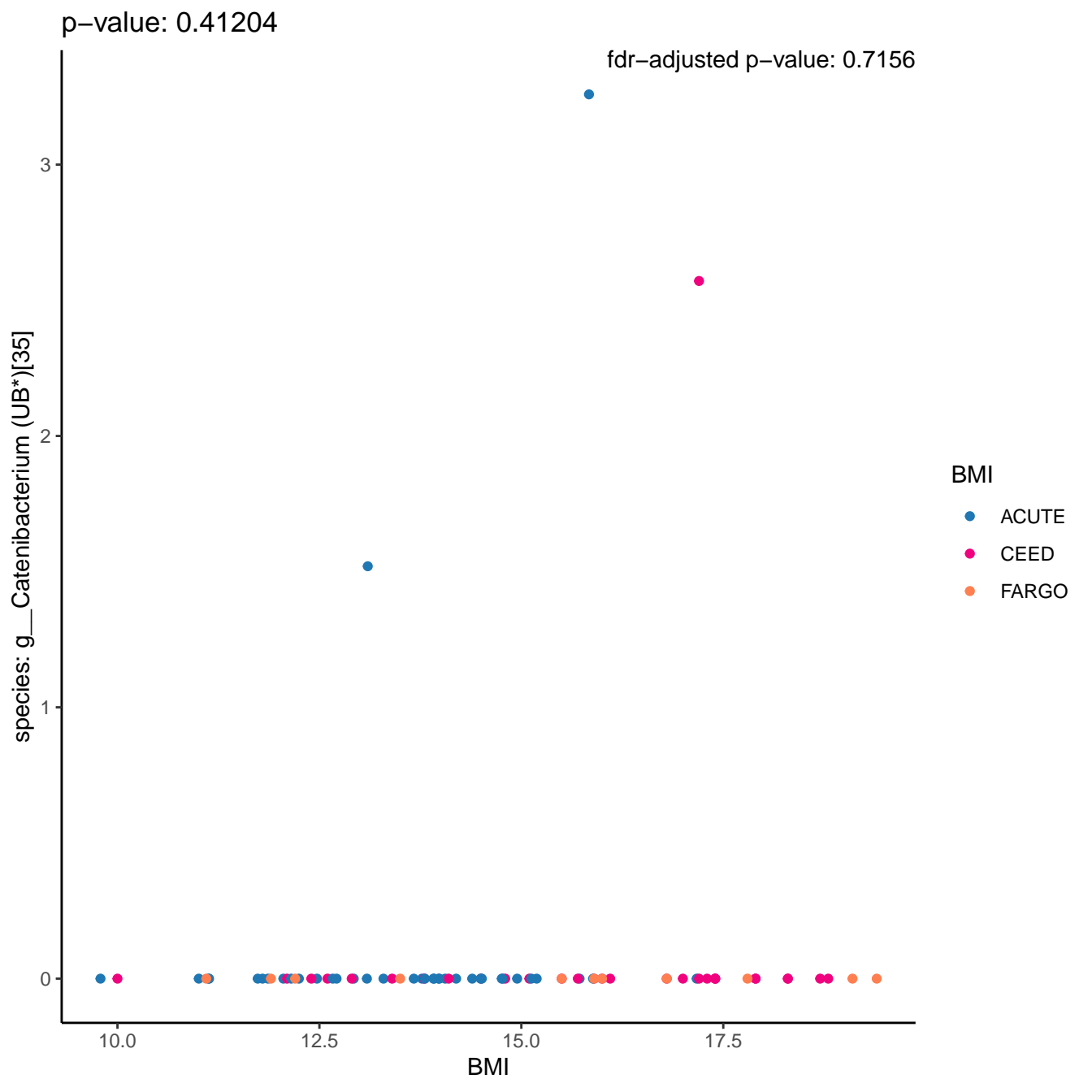
p-value: 0.41204

fdr-adjusted p-value: 0.7156

species: g__Catenibacterium (UB*)[35]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.41401

fdr-adjusted p-value: 0.7156

species: g__uncultured (UB*)[100]

BMI

ACUTE
CEED
FARGO

10.0

BMI

15.0

17.5

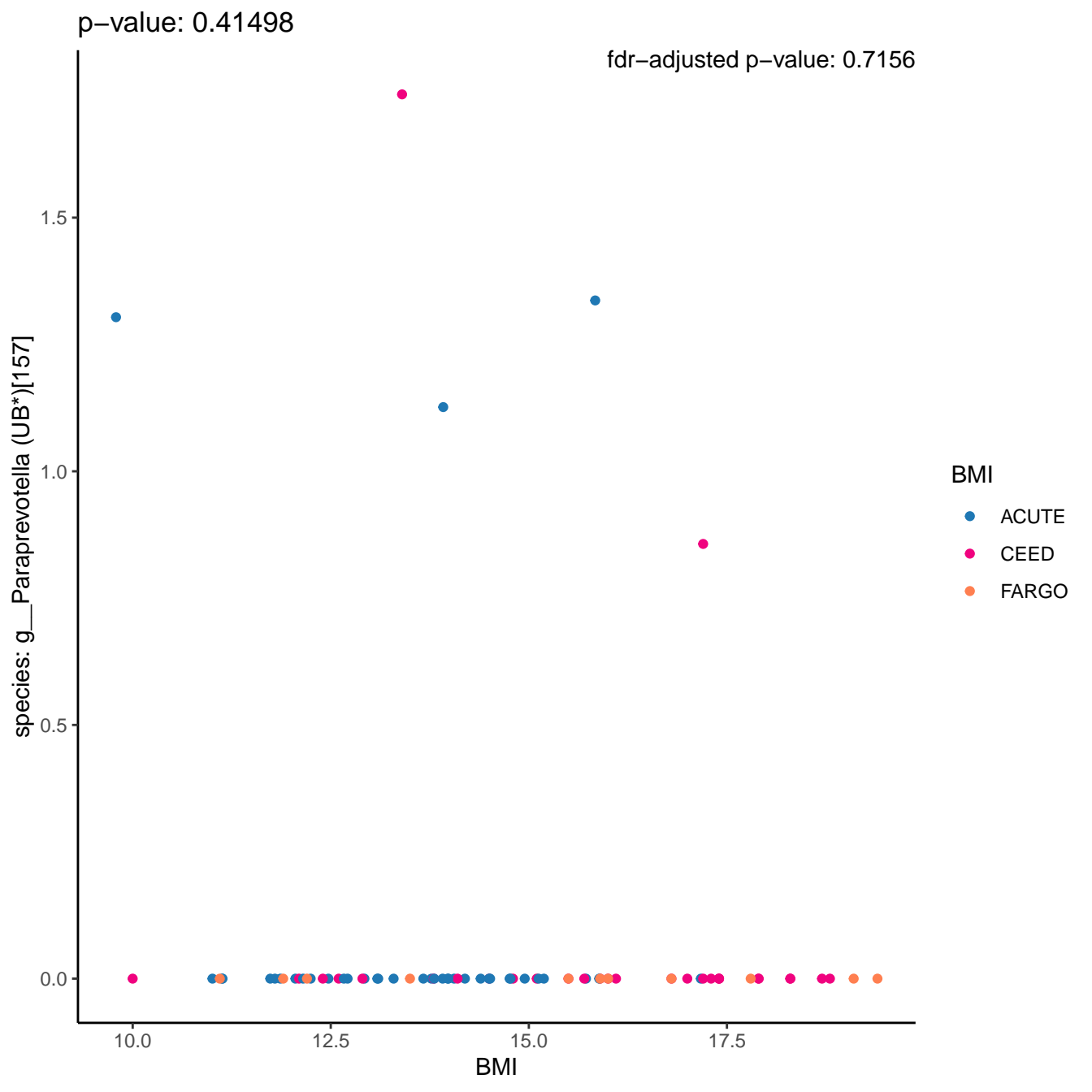
p-value: 0.41498

fdr-adjusted p-value: 0.7156

species: g__Paraprevotella (UB*)[157]

BMI

- ACUTE
- CEED
- FARGO



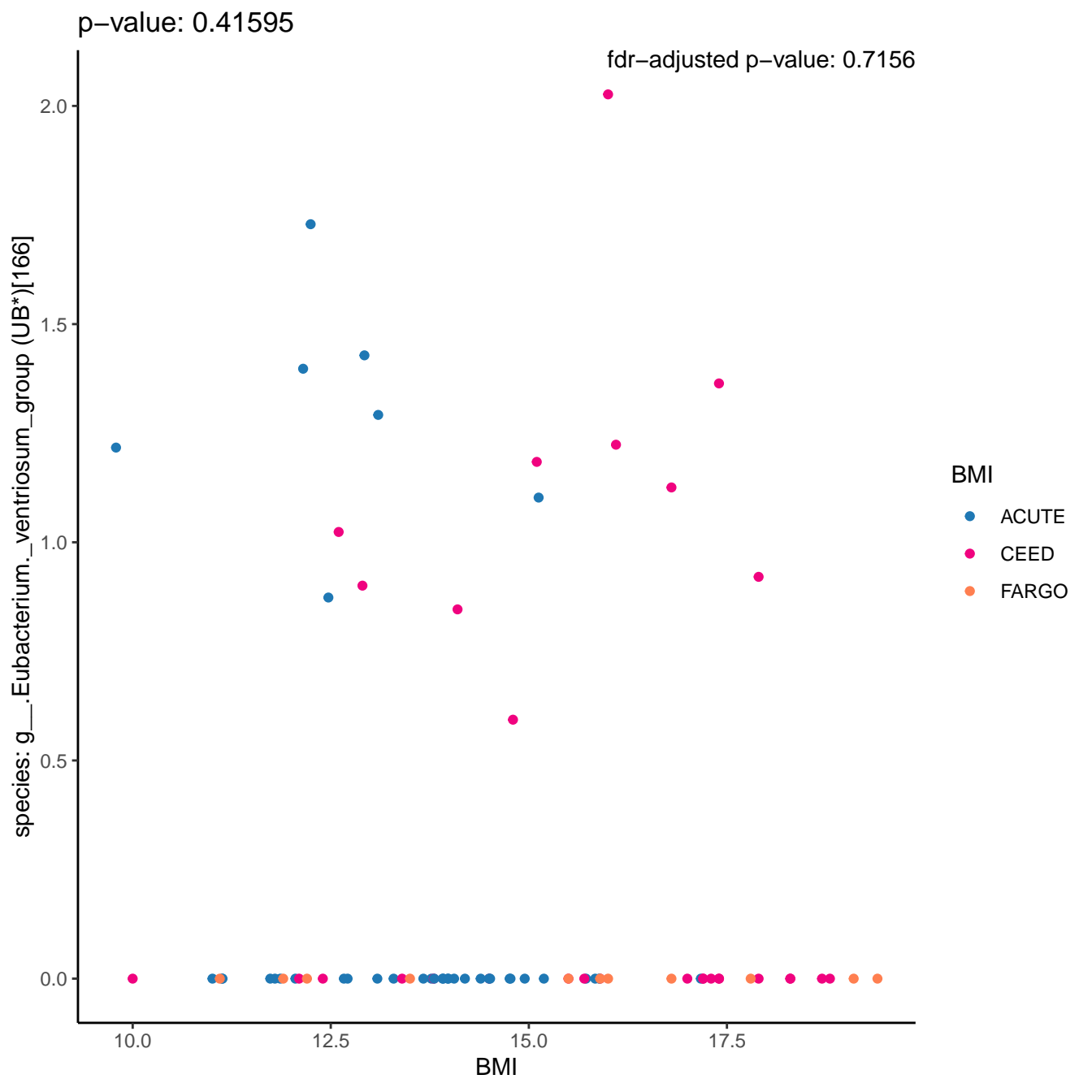
p-value: 0.41595

fdr-adjusted p-value: 0.7156

species: g__Eubacterium_group (UB*)[166]

BMI

- ACUTE
- CEED
- FARGO



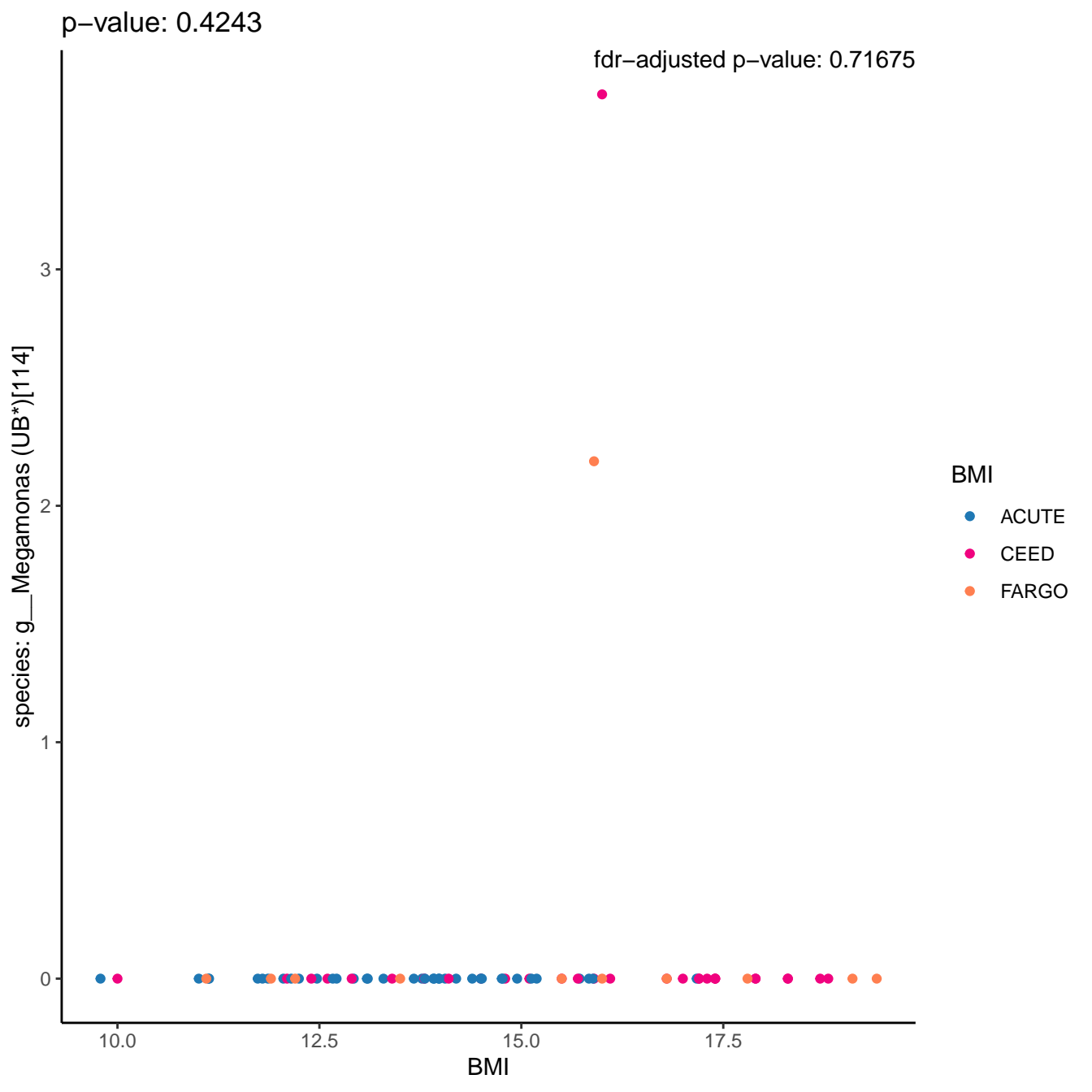
p-value: 0.4243

fdr-adjusted p-value: 0.71675

species: g__Megamonas (UB*)[114]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.42571

fdr-adjusted p-value: 0.71675

species: Ruminococcaceae.[93]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

12.5

15.0

17.5

0

1

2

3

4

p-value: 0.43005

fdr-adjusted p-value: 0.71675

species: g__.Eubacterium_brachy_group (UB*)[10]

BMI

ACUTE
CEED
FARGO

10.0

12.5

BMI

15.0

17.5

0.0

0.5

1.0

1.5

p-value: 0.44298

fdr-adjusted p-value: 0.73069

species: g__Flavonifractor (UB*)[47]

BMI

ACUTE
CEED
FARGO

10.0

BMI

15.0

17.5

p-value: 0.45569

fdr-adjusted p-value: 0.73268

species: *Streptococcus parasanguinis*[149]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

15.0

17.5

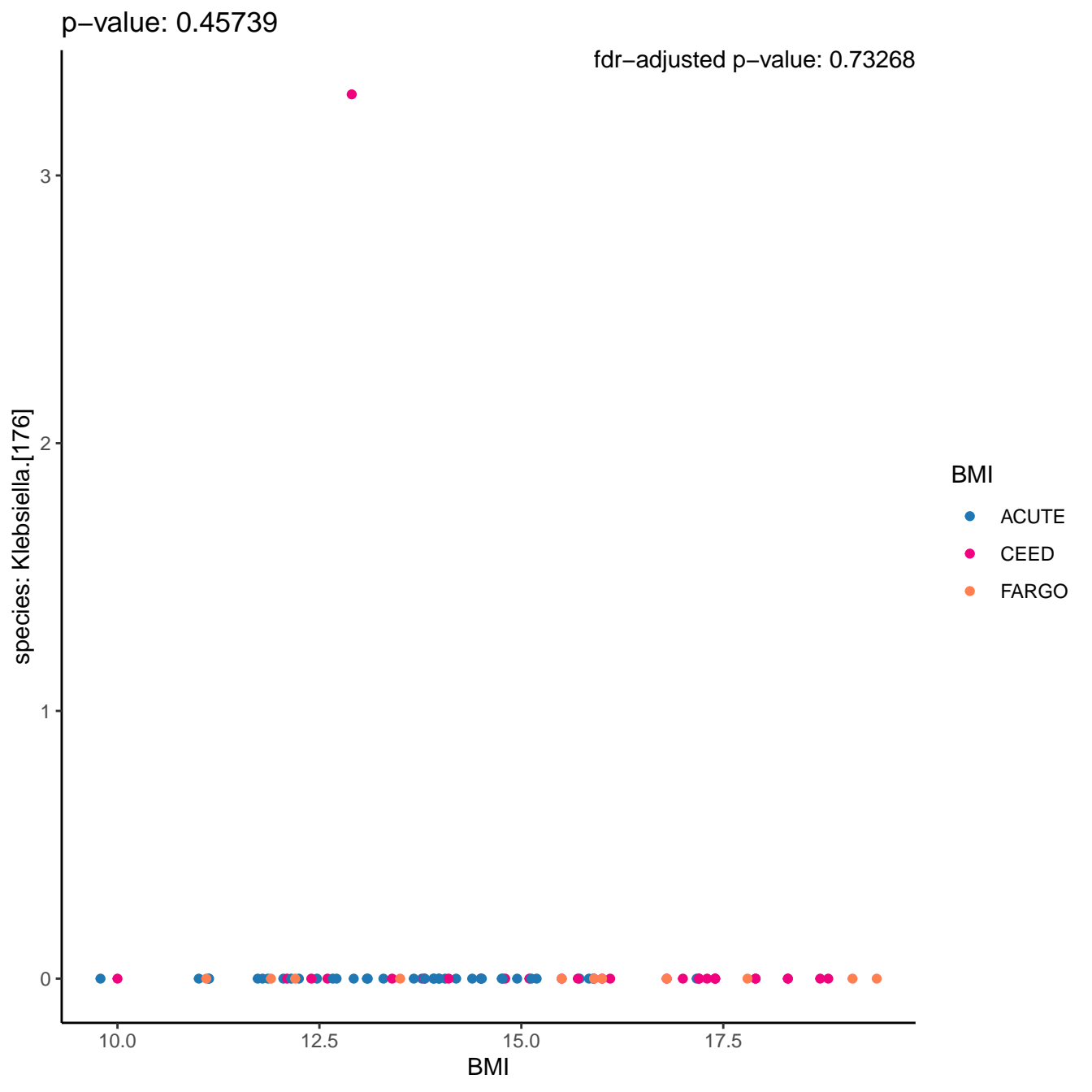
p-value: 0.45739

fdr-adjusted p-value: 0.73268

species: Klebsiella.[176]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.46657

fdr-adjusted p-value: 0.73268

species: g__Christensenellaceae_R.7_group (UB*)[43]

BMI

ACUTE
CEED
FARGO

10.0

BMI

15.0

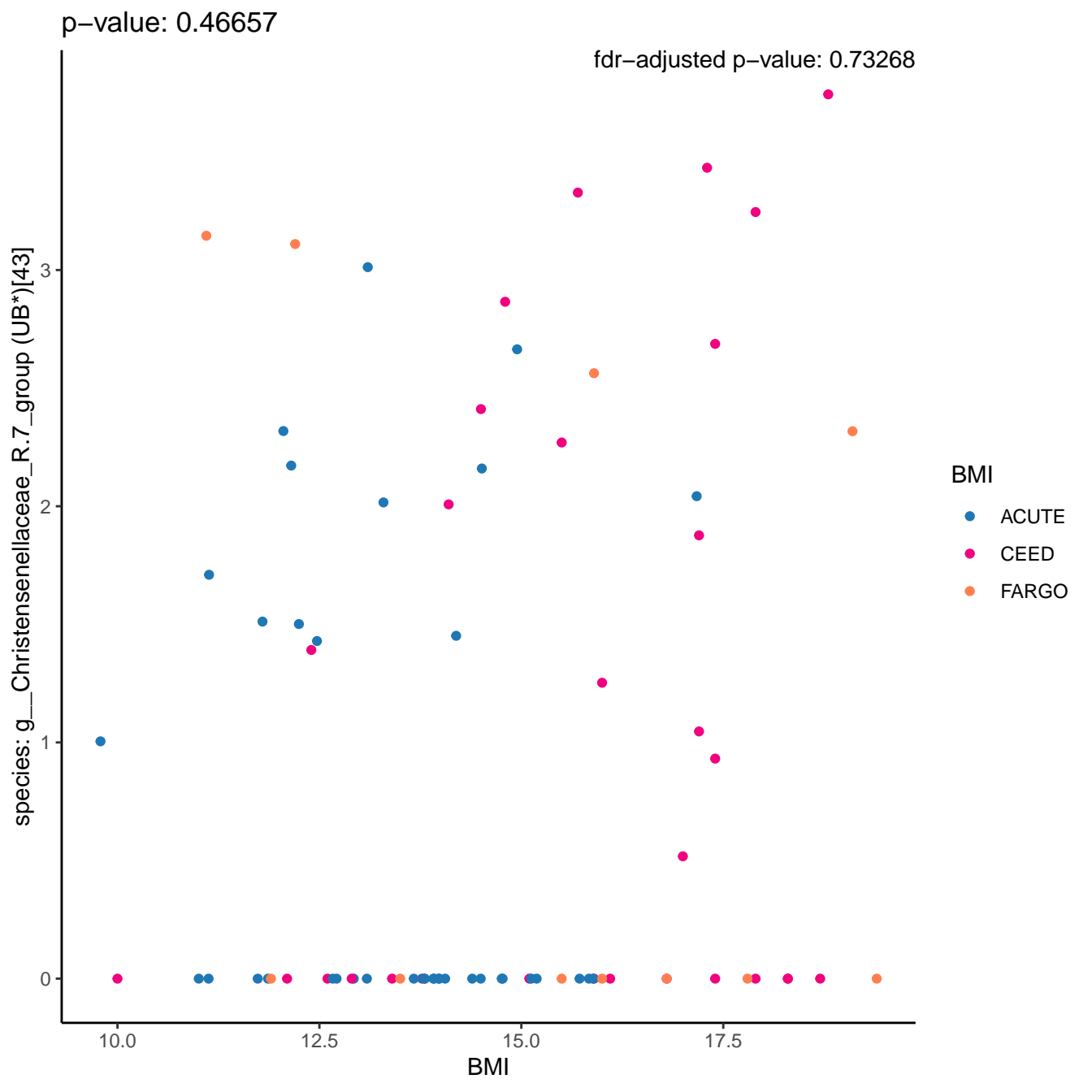
17.5

0

1

2

3



p-value: 0.46815

fdr-adjusted p-value: 0.73268

species: g__UCG.005 (UB*)[56]

BMI

ACUTE

CEED

FARGO

10.0

BMI

12.5

15.0

17.5

0

1

2

3

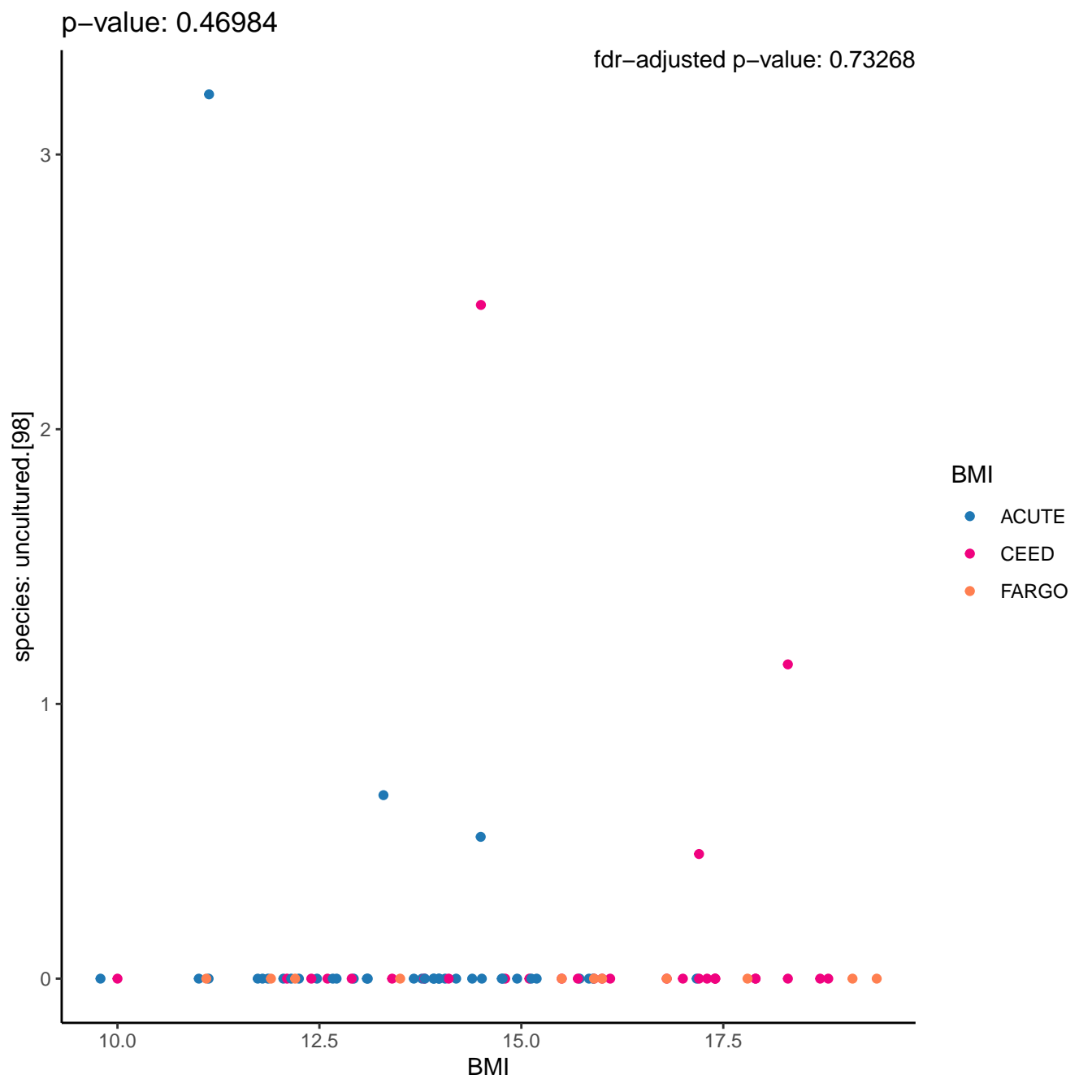
p-value: 0.46984

fdr-adjusted p-value: 0.73268

species: uncultured.[98]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.47271

fdr-adjusted p-value: 0.73268

species: Streptococcus_sp.[33]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

12.5

15.0

17.5

p-value: 0.47624

fdr-adjusted p-value: 0.73268

species: g__uncultured (UB*)[102]

BMI

ACUTE
CEED
FARGO

10.0

BMI

12.5

15.0

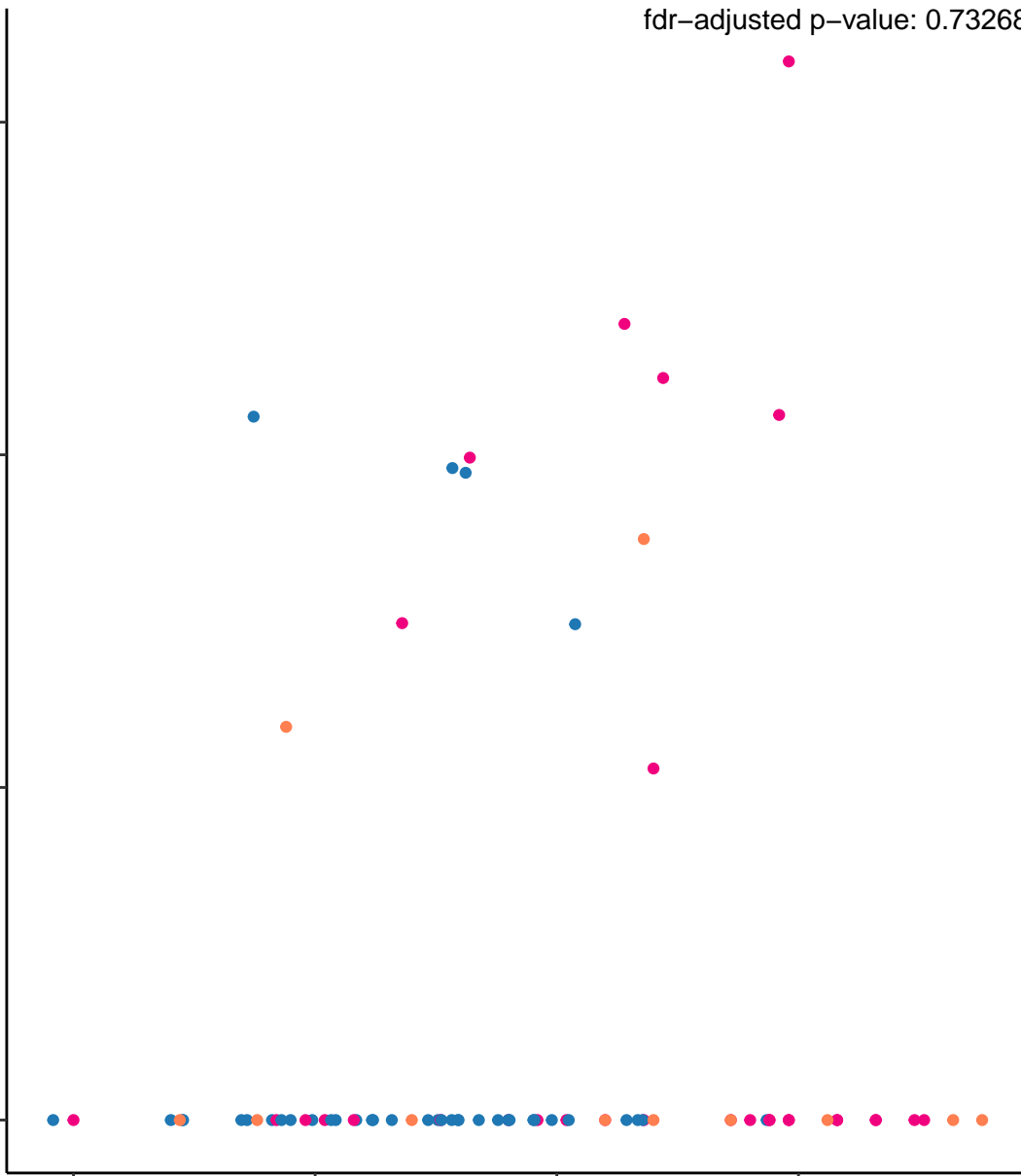
17.5

0

1

2

3



p-value: 0.48522

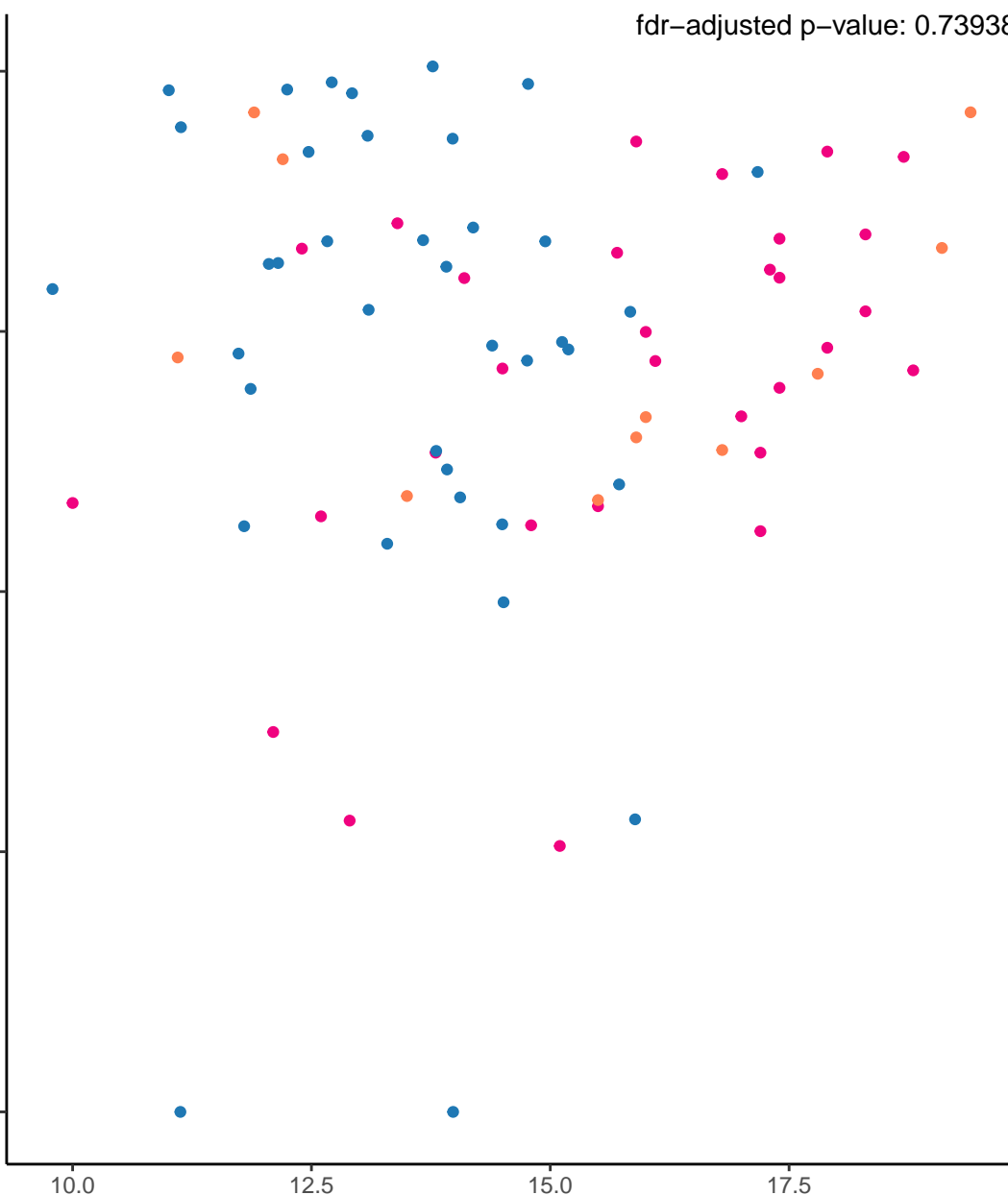
fdr-adjusted p-value: 0.73938

species: g__Bacteroides (UB*)[15]

BMI

ACUTE
CEED
FARGO

BMI



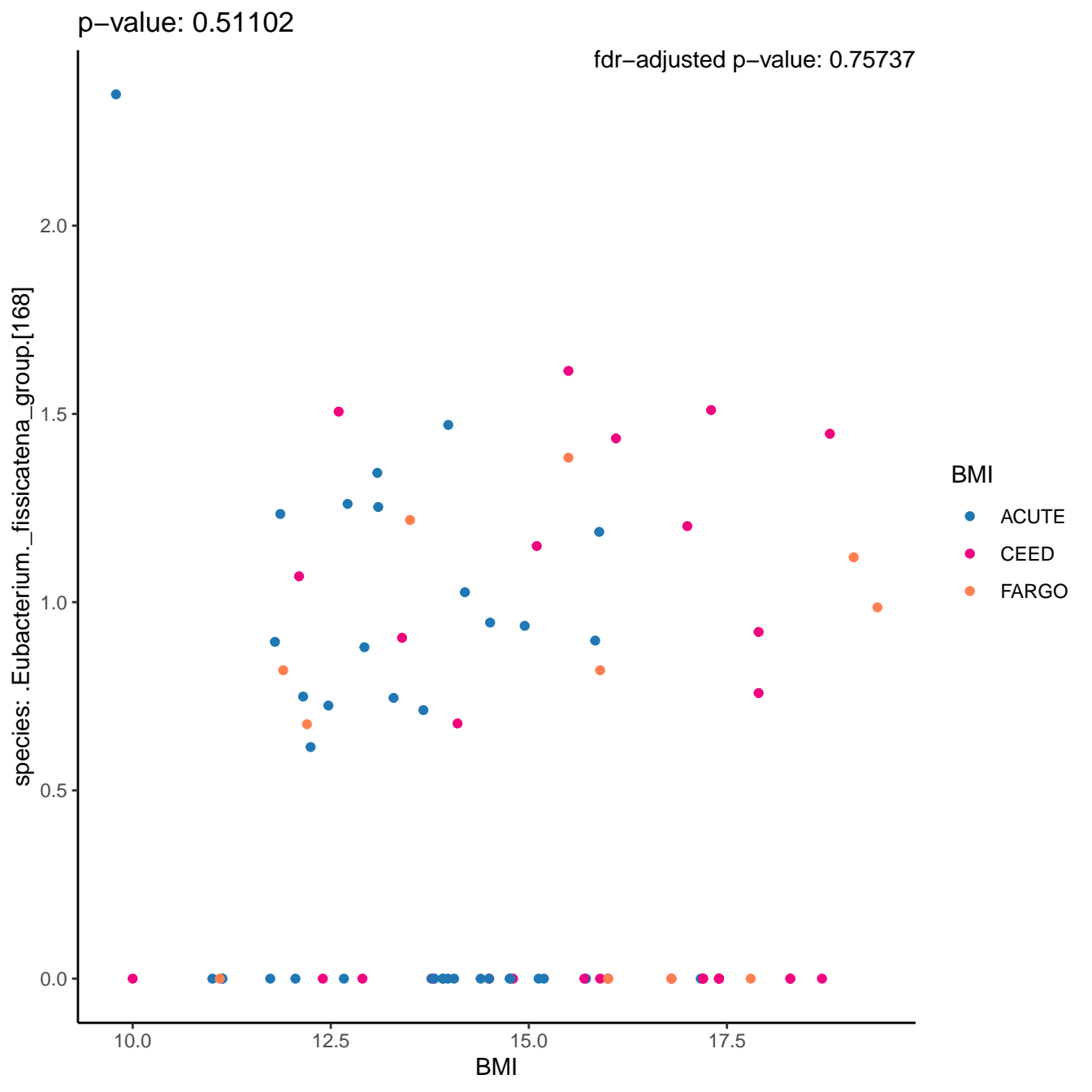
p-value: 0.51102

fdr-adjusted p-value: 0.75737

species: *Eubacterium._fissicatena_group*[168]

BMI

ACUTE
CEED
FARGO



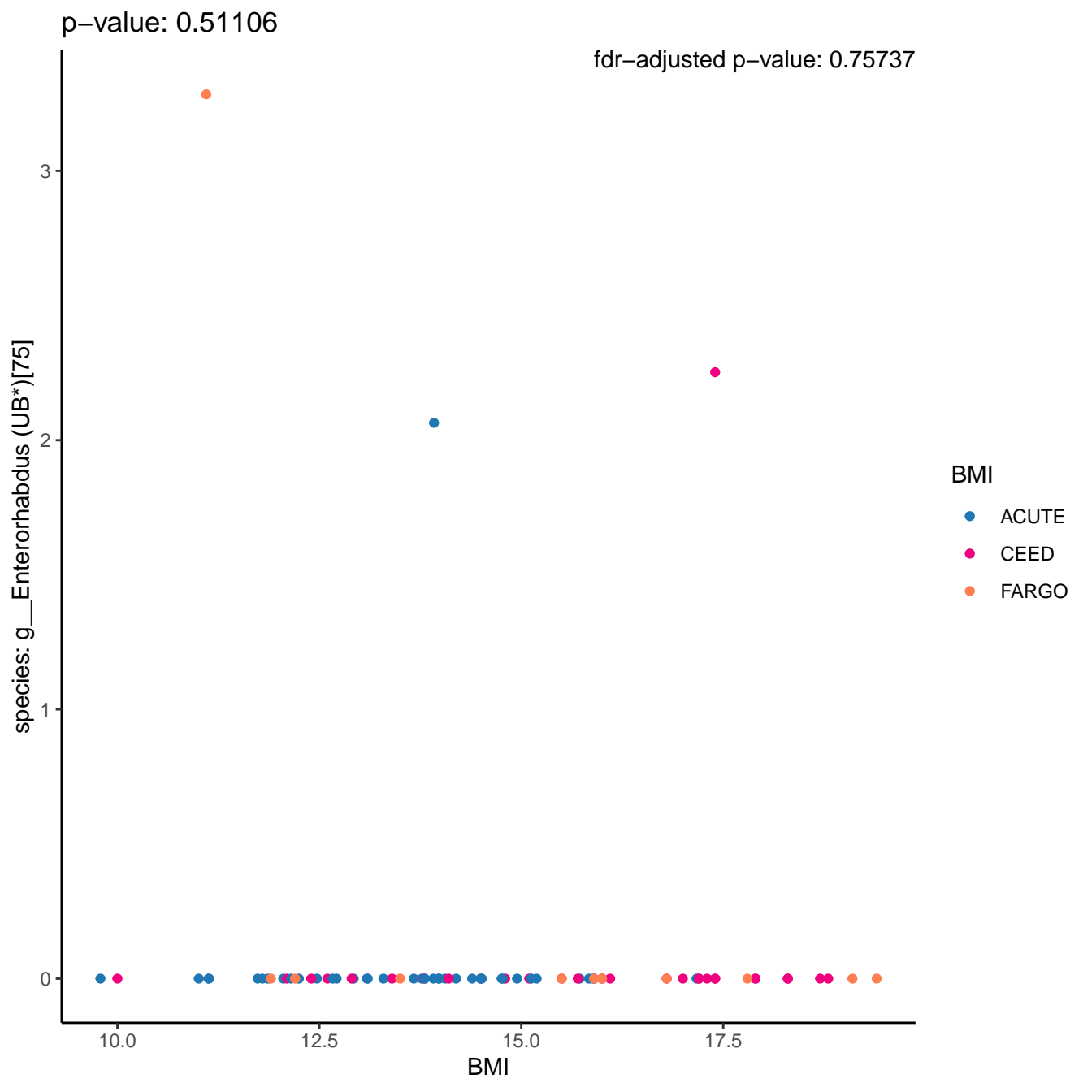
p-value: 0.51106

fdr-adjusted p-value: 0.75737

species: g__Enterorhabdus (UB*)[75]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.51122

fdr-adjusted p-value: 0.75737

species: g__Succinivibrio (UB*)[80]

BMI

- ACUTE
- CEED
- FARGO

0.0

0.2

0.4

0.6

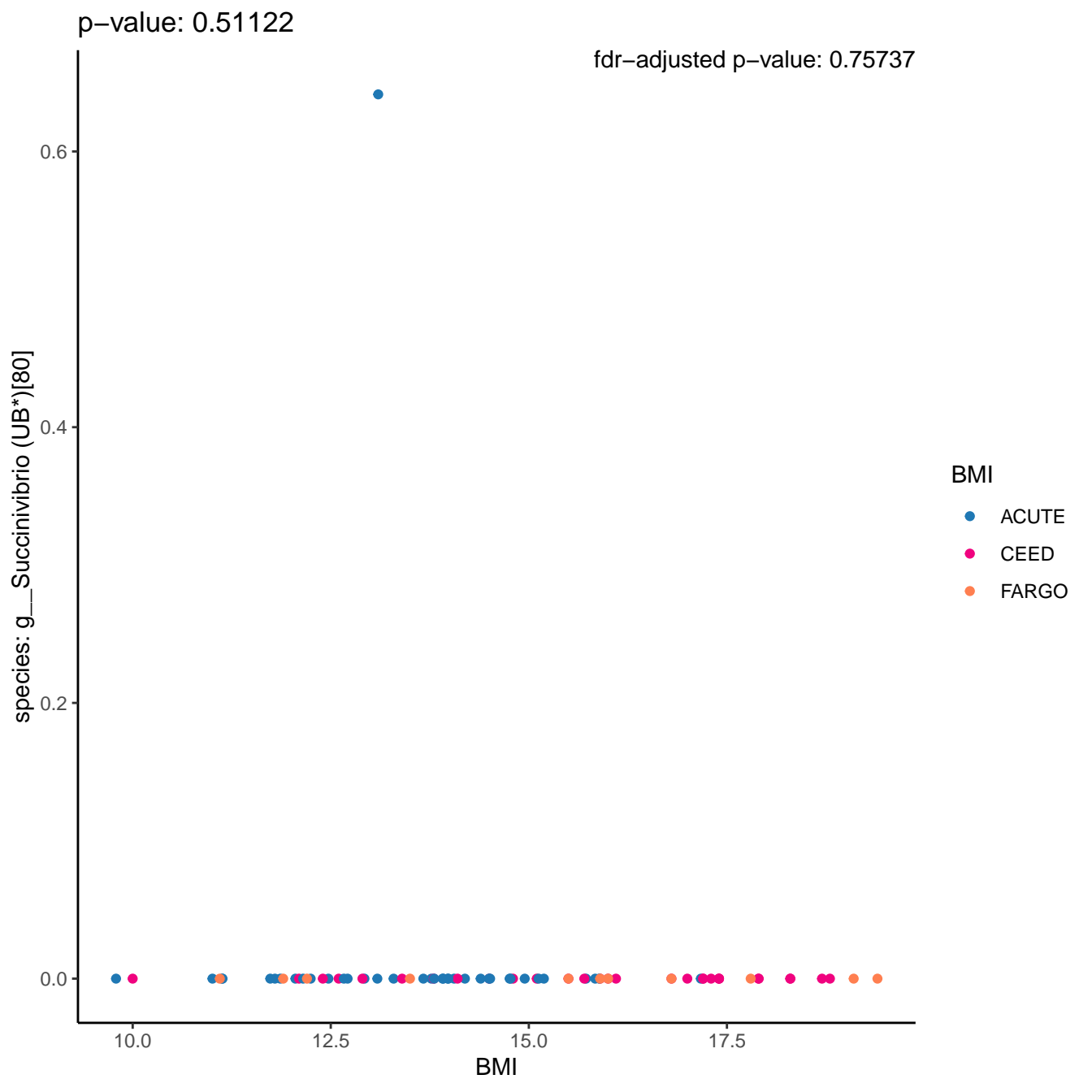
10.0

12.5

BMI

15.0

17.5



p-value: 0.52463

fdr-adjusted p-value: 0.7701

species: .Eubacterium._eligans_group.[136]

BMI

ACUTE
CEED
FARGO

10.0

BMI

12.5

15.0

17.5

p-value: 0.5498

fdr-adjusted p-value: 0.79971

species: g__Tyzzerella (UB*)[111]

BMI

ACUTE

CEED

FARGO

10.0

BMI

12.5

15.0

17.5

0

1

2

3

p-value: 0.55489

fdr-adjusted p-value: 0.79984

species: DTU089.[120]

BMI

ACUTE
CEED
FARGO

10.0

12.5

BMI

15.0

17.5

0.0

0.5

1.0

1.5

2.0

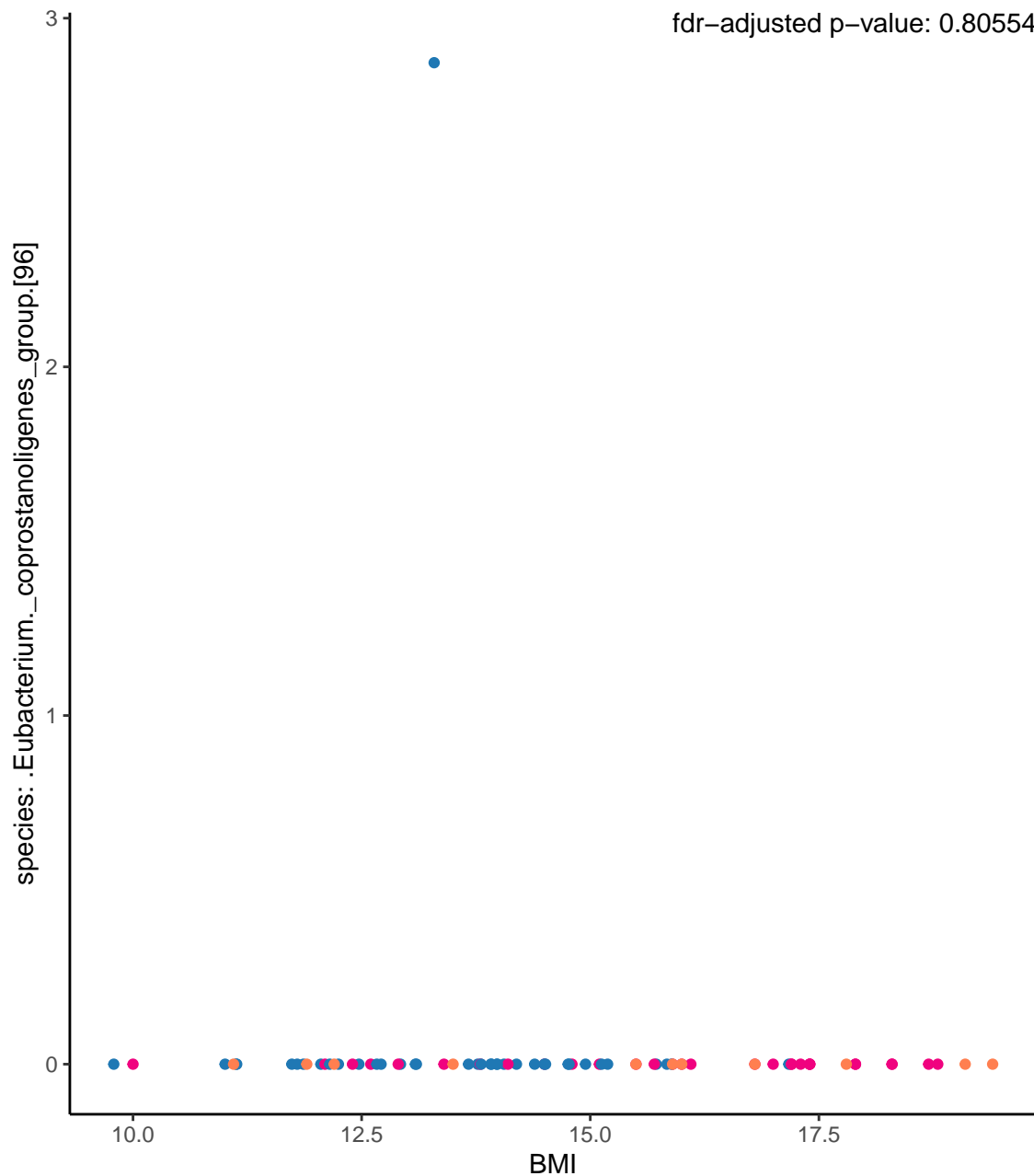
p-value: 0.56676

fdr-adjusted p-value: 0.80554

species: .Eubacterium._coprostanoligenes_group.[96]

BMI

- ACUTE
- CEED
- FARGO



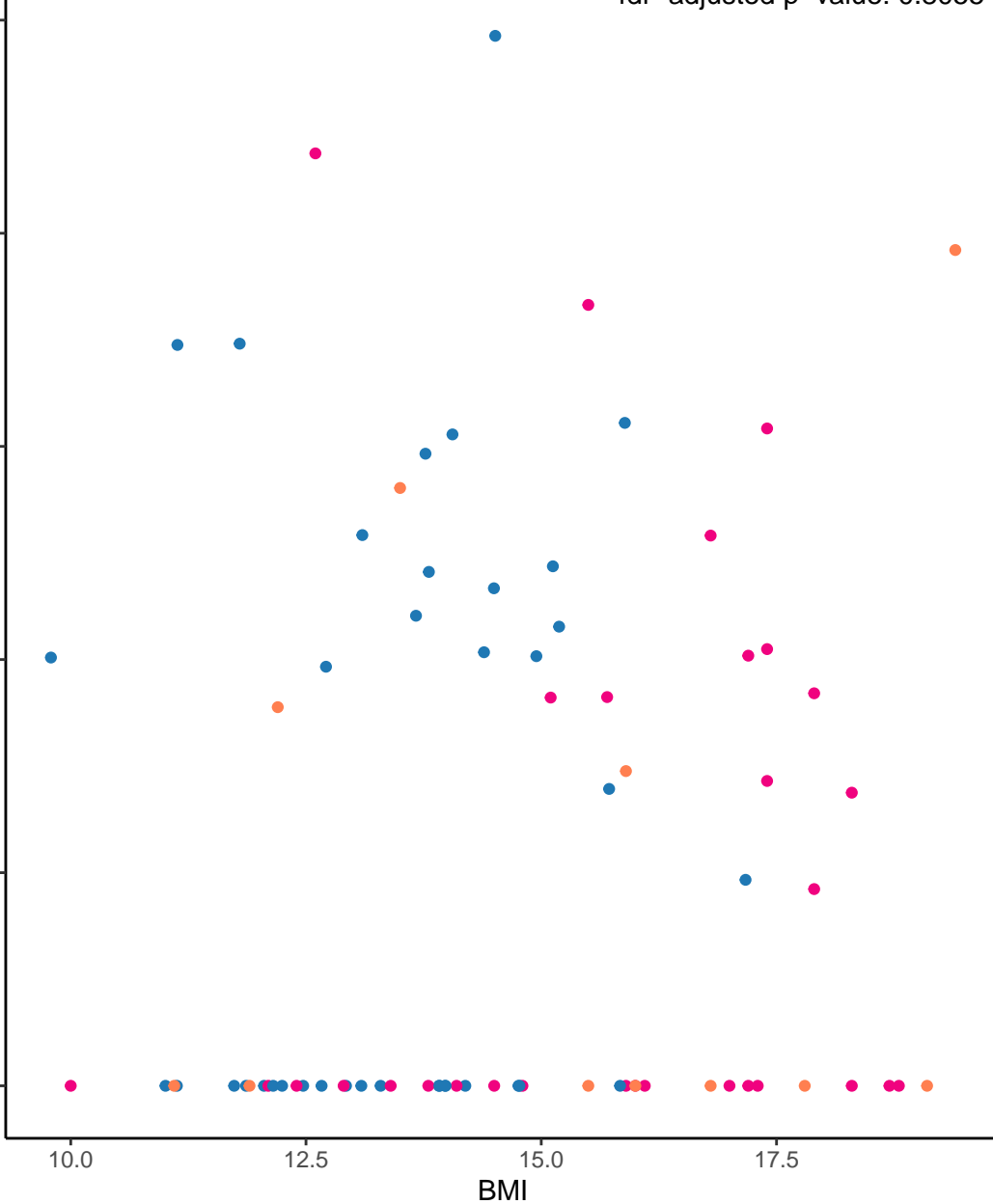
p-value: 0.57083

fdr-adjusted p-value: 0.80554

species: *Lactococcus lactis*[165]

BMI

ACUTE
CEED
FARGO



p-value: 0.57395

fdr-adjusted p-value: 0.80554

species: *Erysipelatoclostridium*. [77]

BMI

ACUTE
CEED
FARGO

10.0

BMI

15.0

17.5

p-value: 0.57902

fdr-adjusted p-value: 0.80559

species: g__uncultured (UB*)[34]

BMI

ACUTE
CEED
FARGO

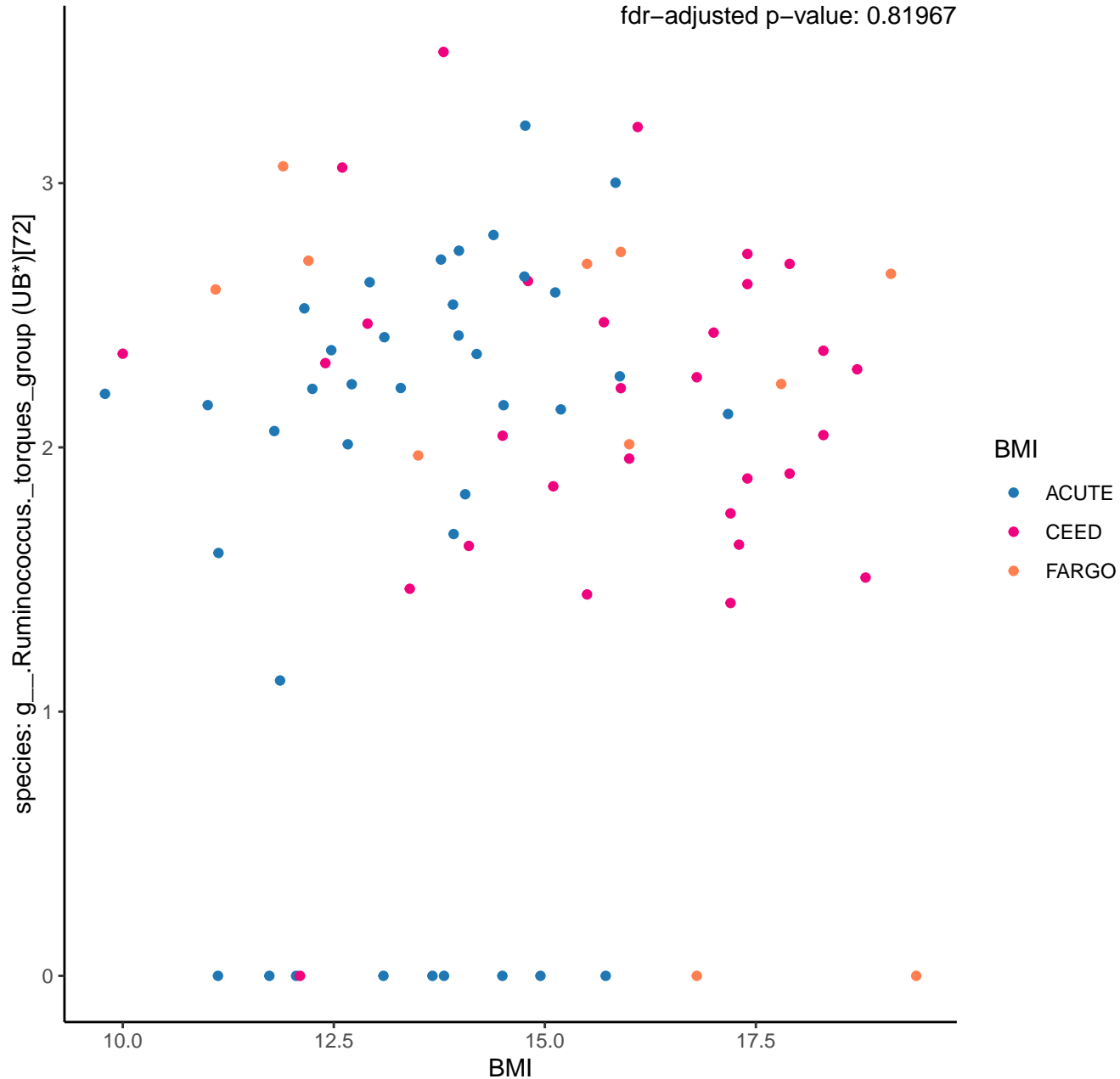
10.0

BMI

17.5

p-value: 0.59426

fdr-adjusted p-value: 0.81967



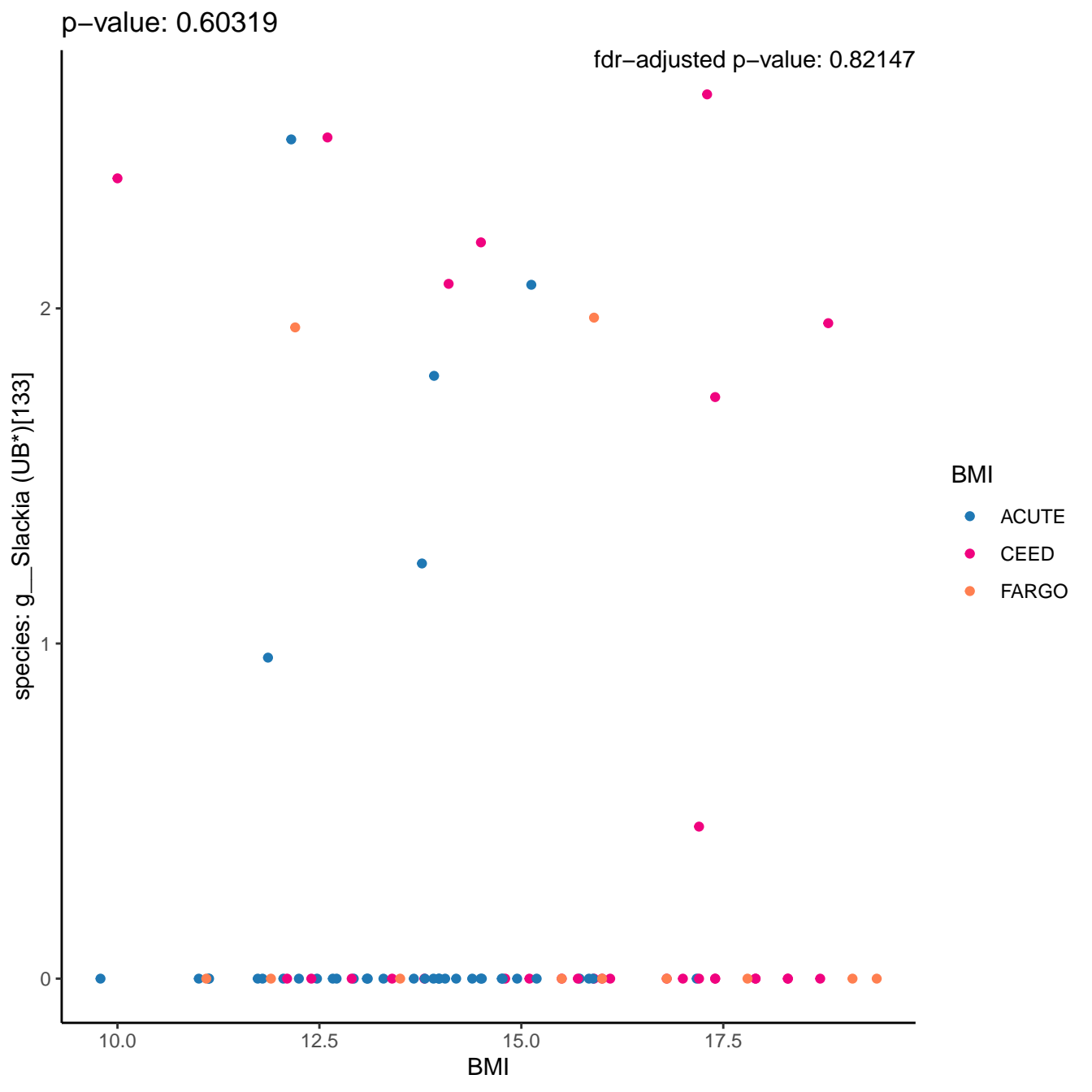
p-value: 0.60319

fdr-adjusted p-value: 0.82147

species: g__Slackia (UB*)[133]

BMI

● ACUTE
● CEED
● FARGO



p-value: 0.60583

fdr-adjusted p-value: 0.82147

species: Streptococcus.[89]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

12.5

15.0

17.5

0

1

2

3

p-value: 0.61576

fdr-adjusted p-value: 0.82791

species: Enterobacter.[126]

BMI

ACUTE
CEED
FARGO

10.0

BMI

15.0

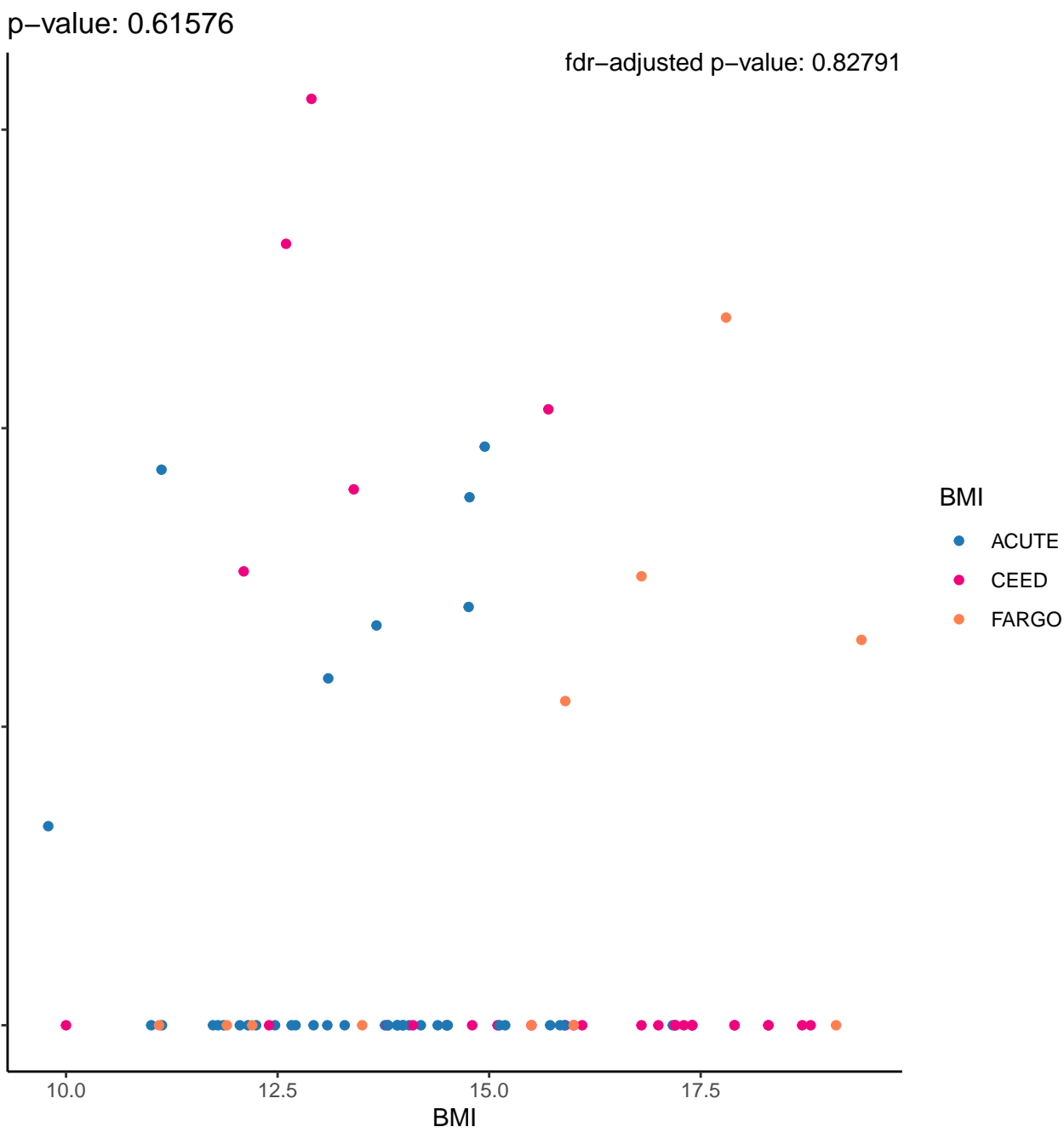
17.5

0

1

2

3



p-value: 0.6226

fdr-adjusted p-value: 0.83014

species: g_NK4A214_group (UB*)[41]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

12.5

15.0

17.5

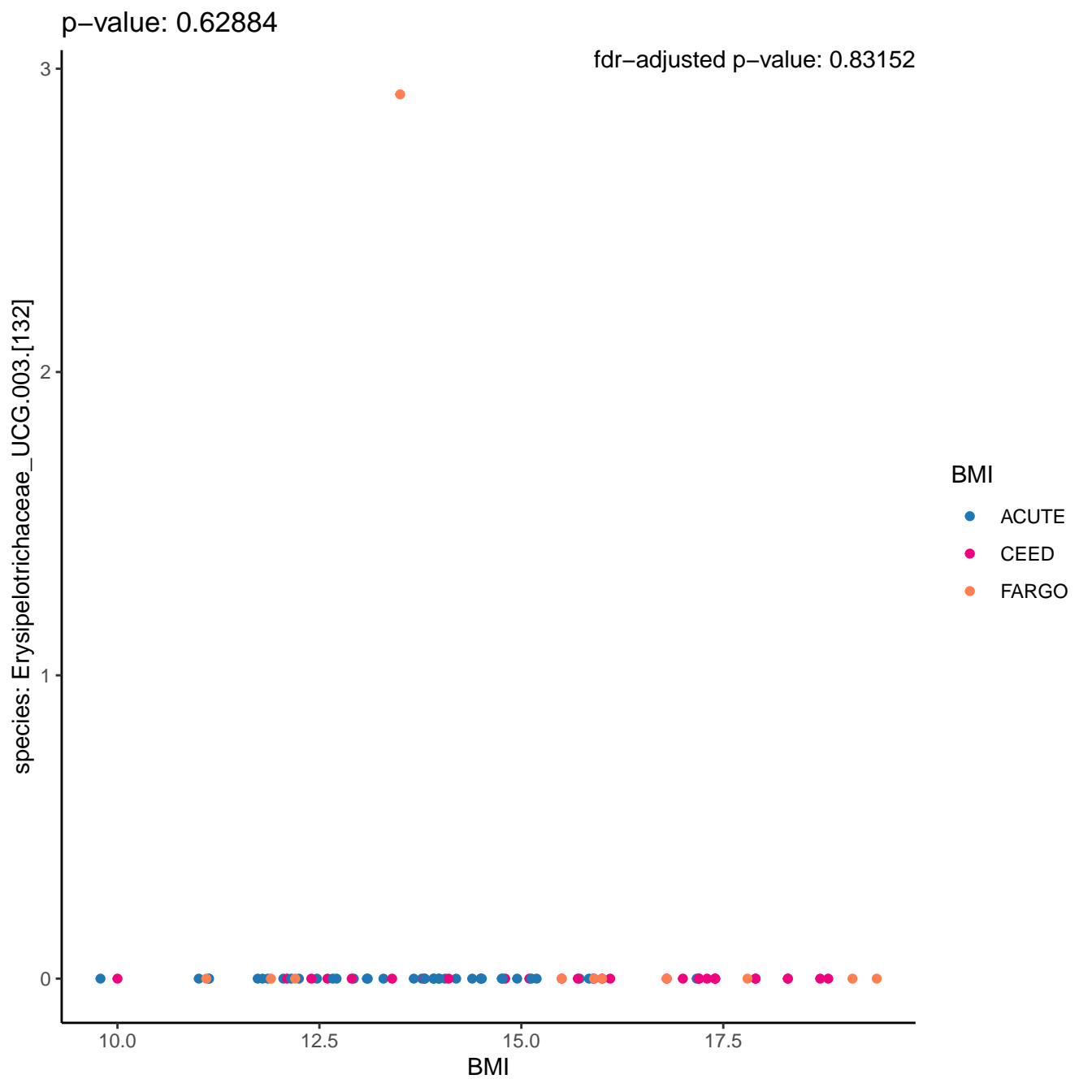
p-value: 0.62884

fdr-adjusted p-value: 0.83152

species: Erysipelotrichaceae_UCG.003.[132]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.64044

fdr-adjusted p-value: 0.83992

species: g__Intestinibacter (UB*)[161]

BMI

ACUTE
CEED
FARGO

10.0

BMI

15.0

17.5

0

1

2

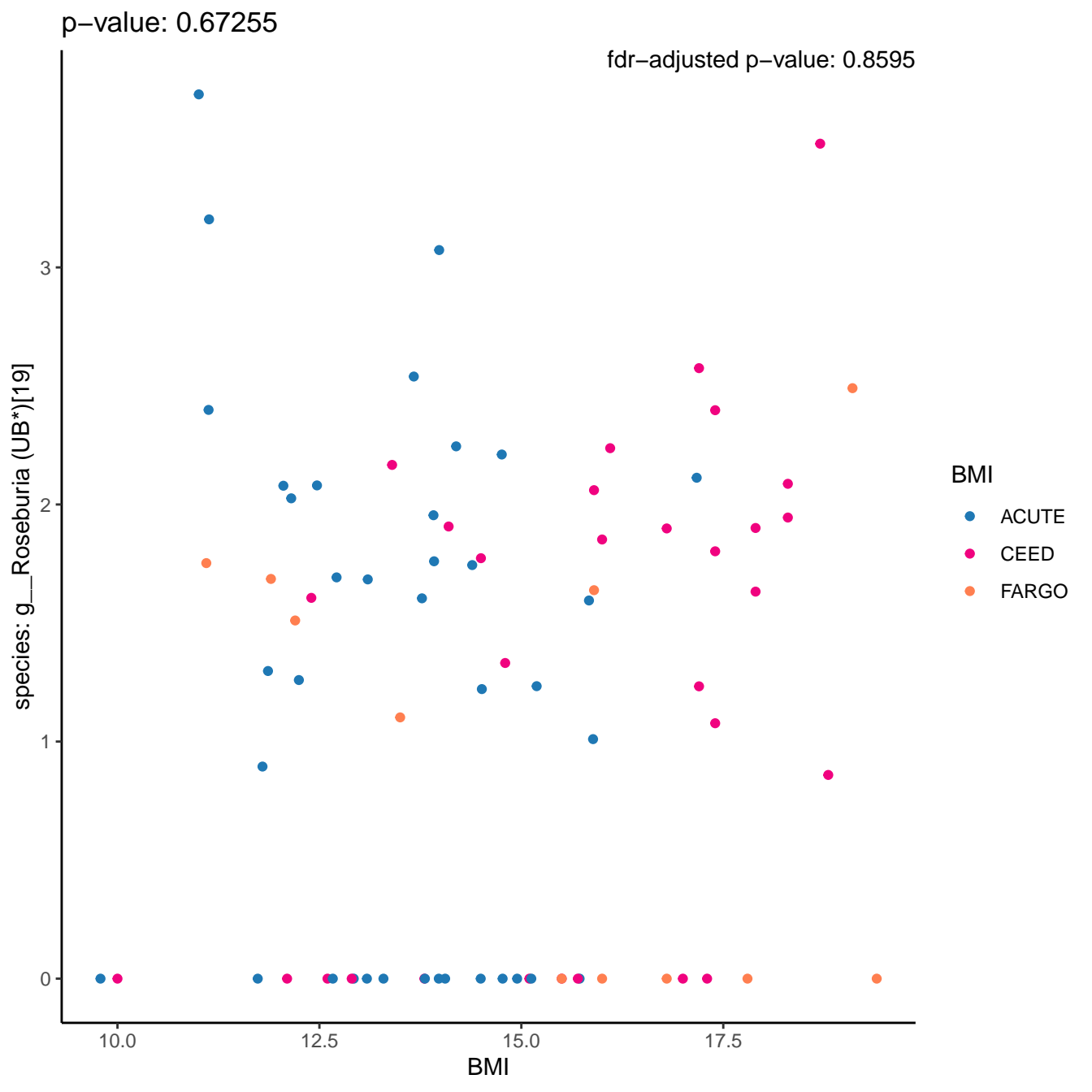
p-value: 0.67255

fdr-adjusted p-value: 0.8595

species: g__Roseburia (UB*)[19]

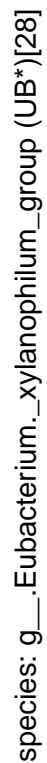
BMI

ACUTE
CEED
FARGO



p-value: 0.67263

fdr-adjusted p-value: 0.8595



BMI

ACUTE

- CEED

● FARGO

10.0

BMI

17.5

BMI

p-value: 0.67889

fdr-adjusted p-value: 0.8595

species: g__Acidaminococcus (UB*)[106]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

12.5

15.0

17.5

0

1

2

3

p-value: 0.68044

fdr-adjusted p-value: 0.8595

species: g__UCG.003 (UB*)[127]

BMI

ACUTE

CEED

FARGO

10.0

12.5

BMI

15.0

17.5

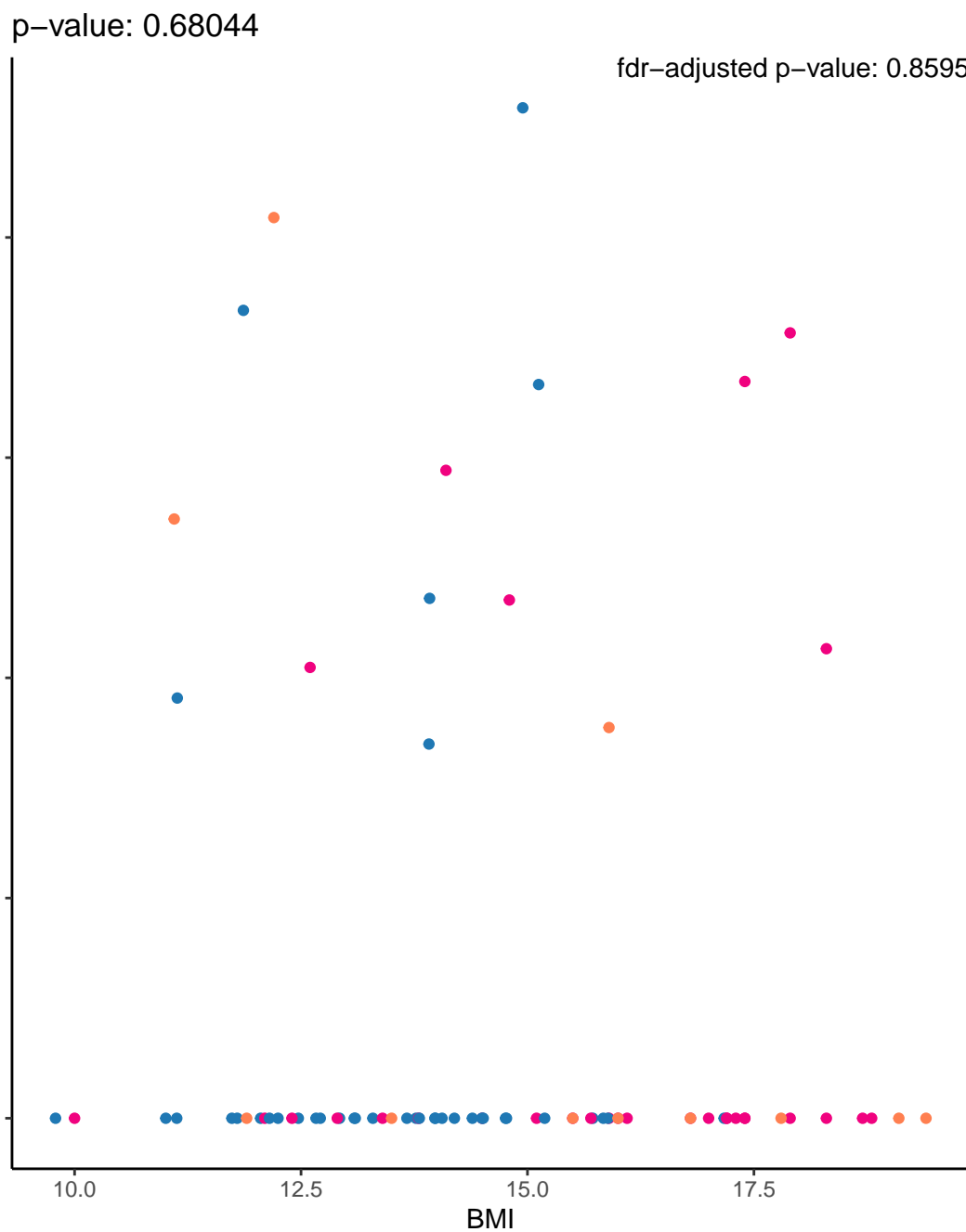
0.0

0.5

1.0

1.5

2.0



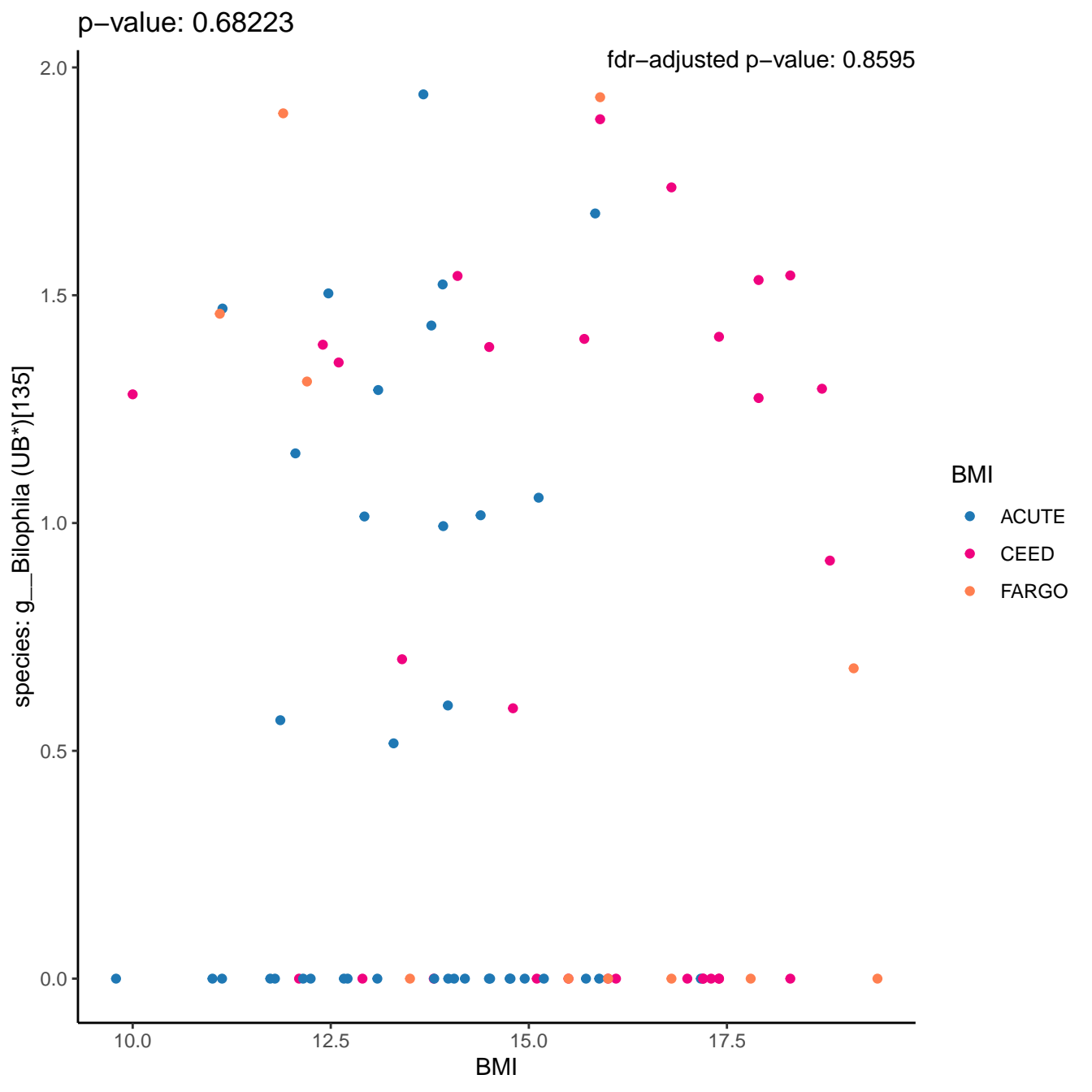
p-value: 0.68223

fdr-adjusted p-value: 0.8595

species: g__Bilophila (UB*)[135]

BMI

ACUTE
CEED
FARGO



p-value: 0.69599

fdr-adjusted p-value: 0.86999

species: g__Fusicatenibacter (UB*)[40]

BMI

ACUTE
CEED
FARGO

10.0

BMI

12.5

15.0

17.5

p-value: 0.70986

fdr-adjusted p-value: 0.88044

species: g__Turicibacter (UB*)[70]

BMI

ACUTE
CEED
FARGO

10.0

BMI

12.5

15.0

17.5

p-value: 0.72161

fdr-adjusted p-value: 0.88813

species: Lachnospiraceae.[22]

BMI

ACUTE

CEED

FARGO

10.0

BMI

12.5

15.0

17.5

0

1

2

3

p-value: 0.72736

fdr-adjusted p-value: 0.88837

species: Methanobrevibacter. [69]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

12.5

15.0

17.5

p-value: 0.74281

fdr-adjusted p-value: 0.90037

species: Citrobacter.[44]

BMI

● ACUTE
● CEED
● FARGO

10.0

12.5

BMI

15.0

17.5

0.0

0.5

1.0

1.5

2.0

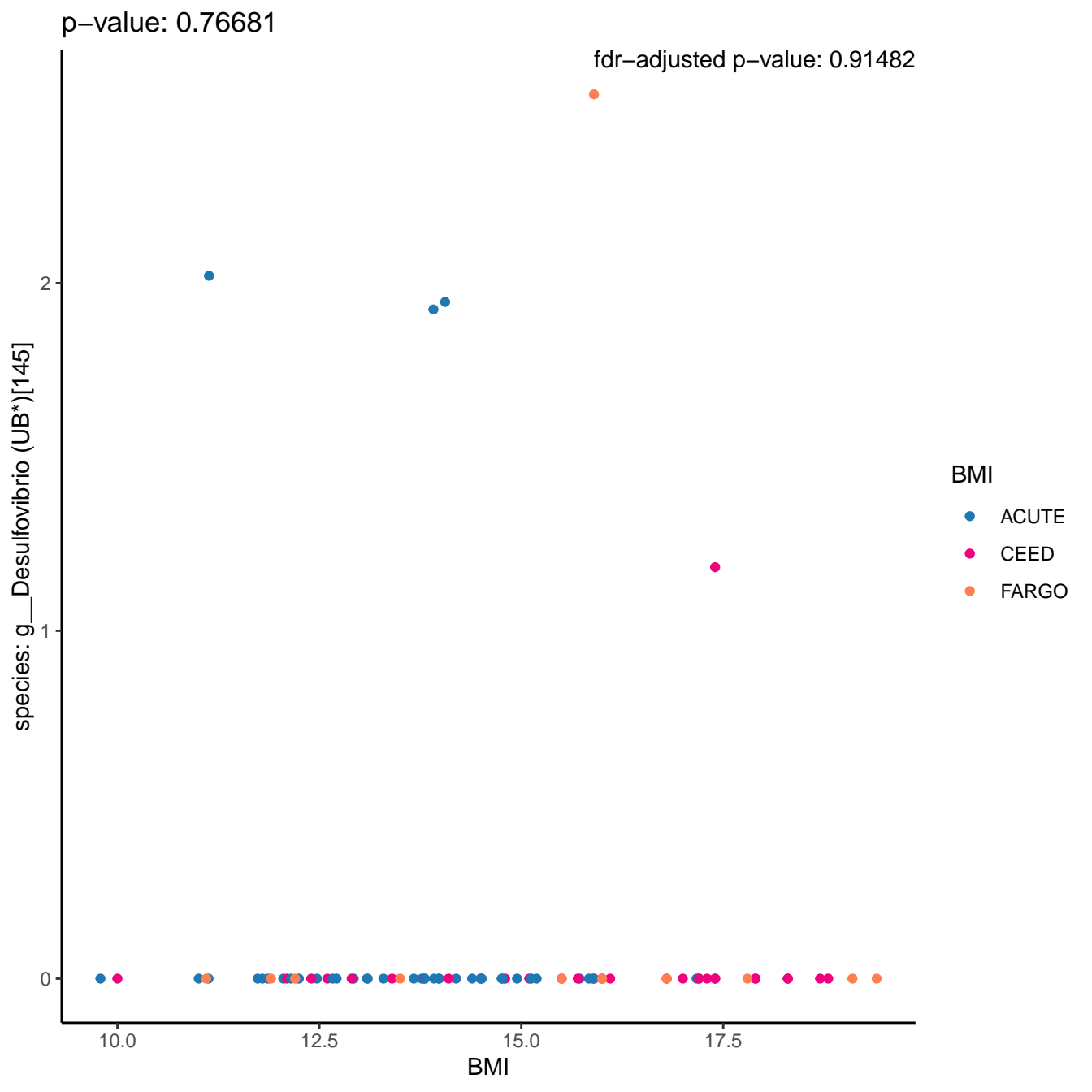
p-value: 0.76681

fdr-adjusted p-value: 0.91482

species: g__Desulfovibrio (UB*)[145]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.76755

fdr-adjusted p-value: 0.91482

species: Solobacterium.[143]

BMI

ACUTE

CEED

FARGO

0

1

2

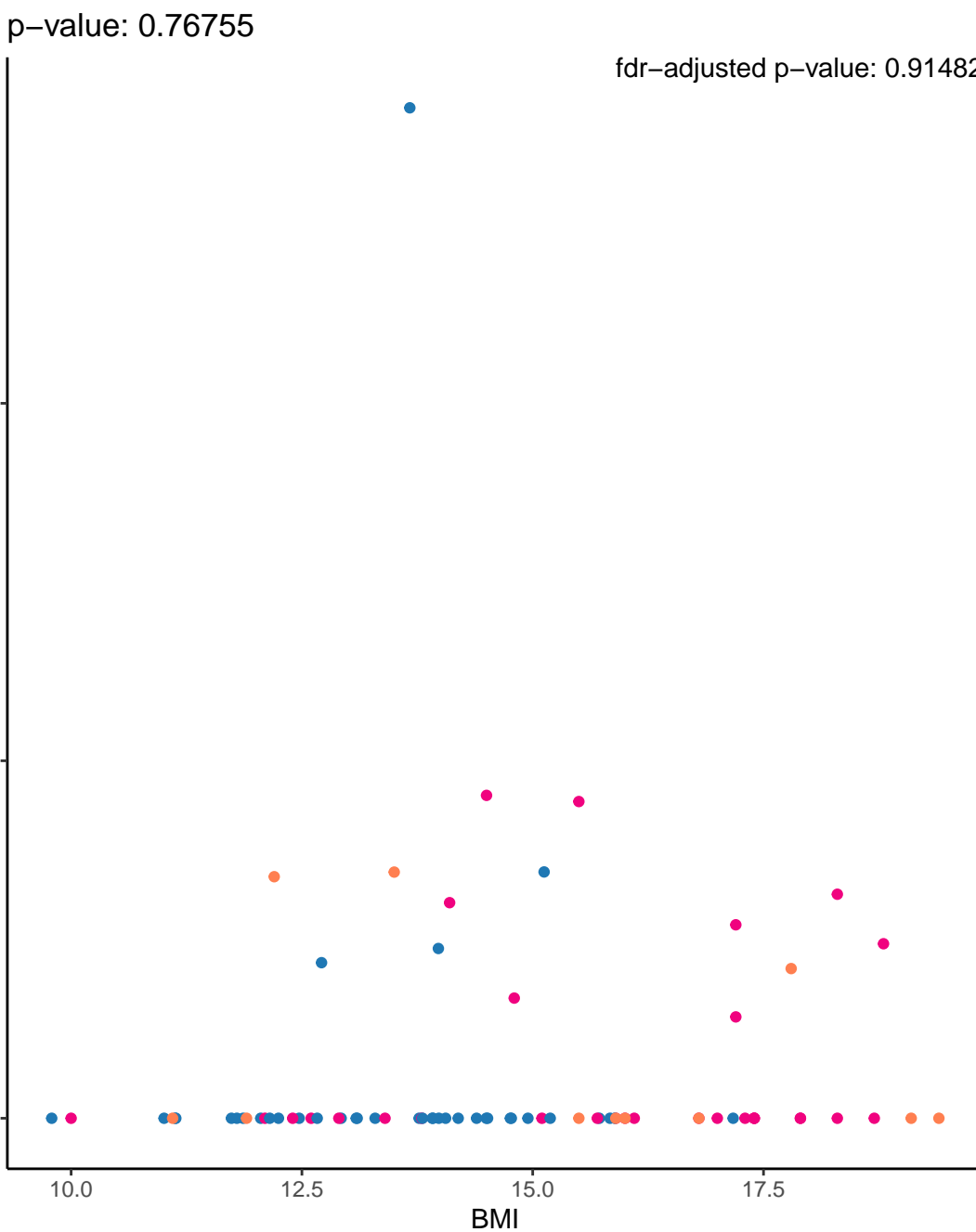
10.0

BMI

12.5

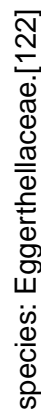
15.0

17.5



p-value: 0.77457

fdr-adjusted p-value: 0.91482



BMI

ACUTE

- CEED

FARGO

p-value: 0.7776

fdr-adjusted p-value: 0.91482

species: Anaerostipes.[92]

BMI

ACUTE

CEED

FARGO

10.0

BMI

12.5

15.0

17.5

0

1

2

3

4

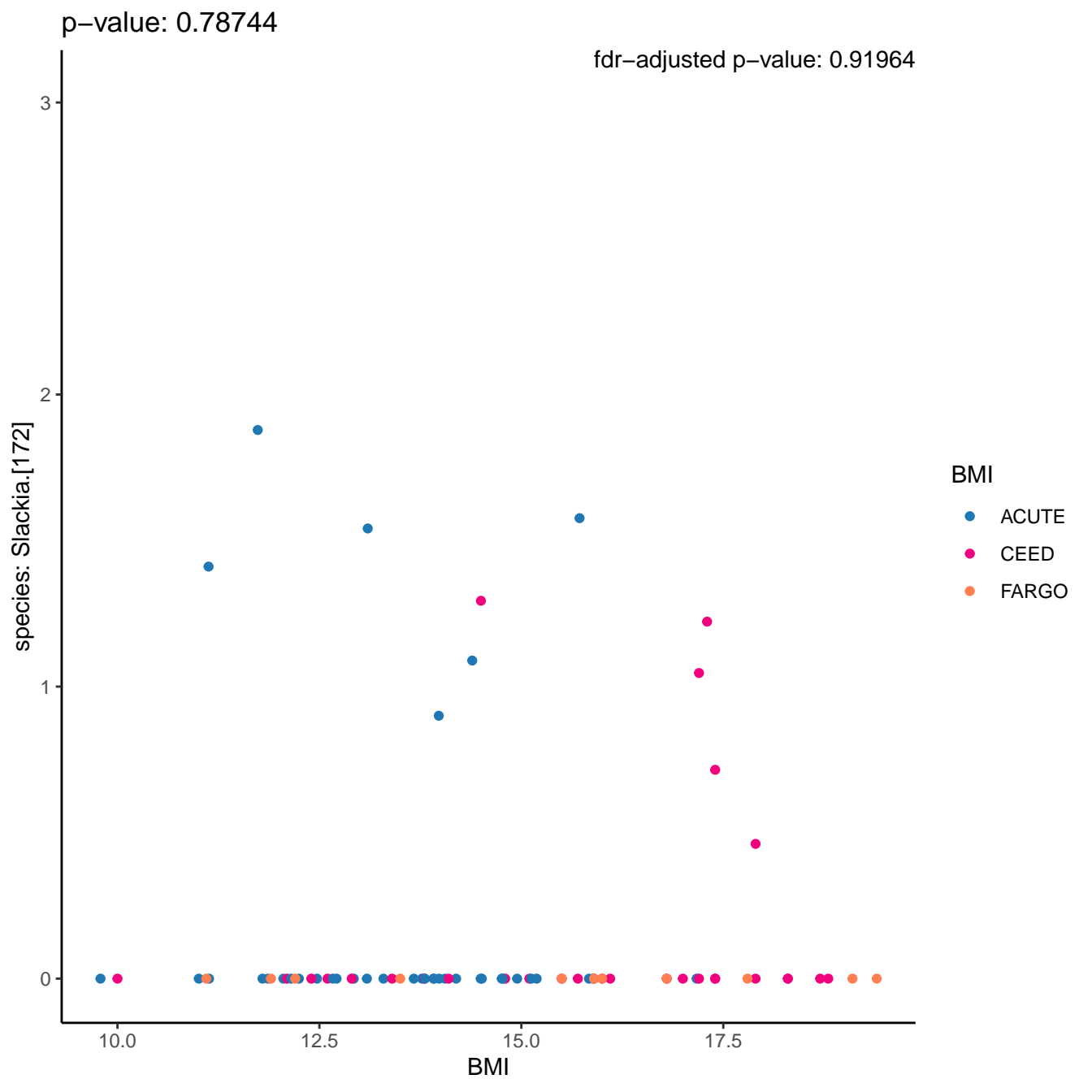
p-value: 0.78744

fdr-adjusted p-value: 0.91964

species: Slackia.[172]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.79376

fdr-adjusted p-value: 0.92031

species: g__Lachnospira (UB*)[46]

BMI

ACUTE
CEED
FARGO

10.0

BMI

15.0

17.5

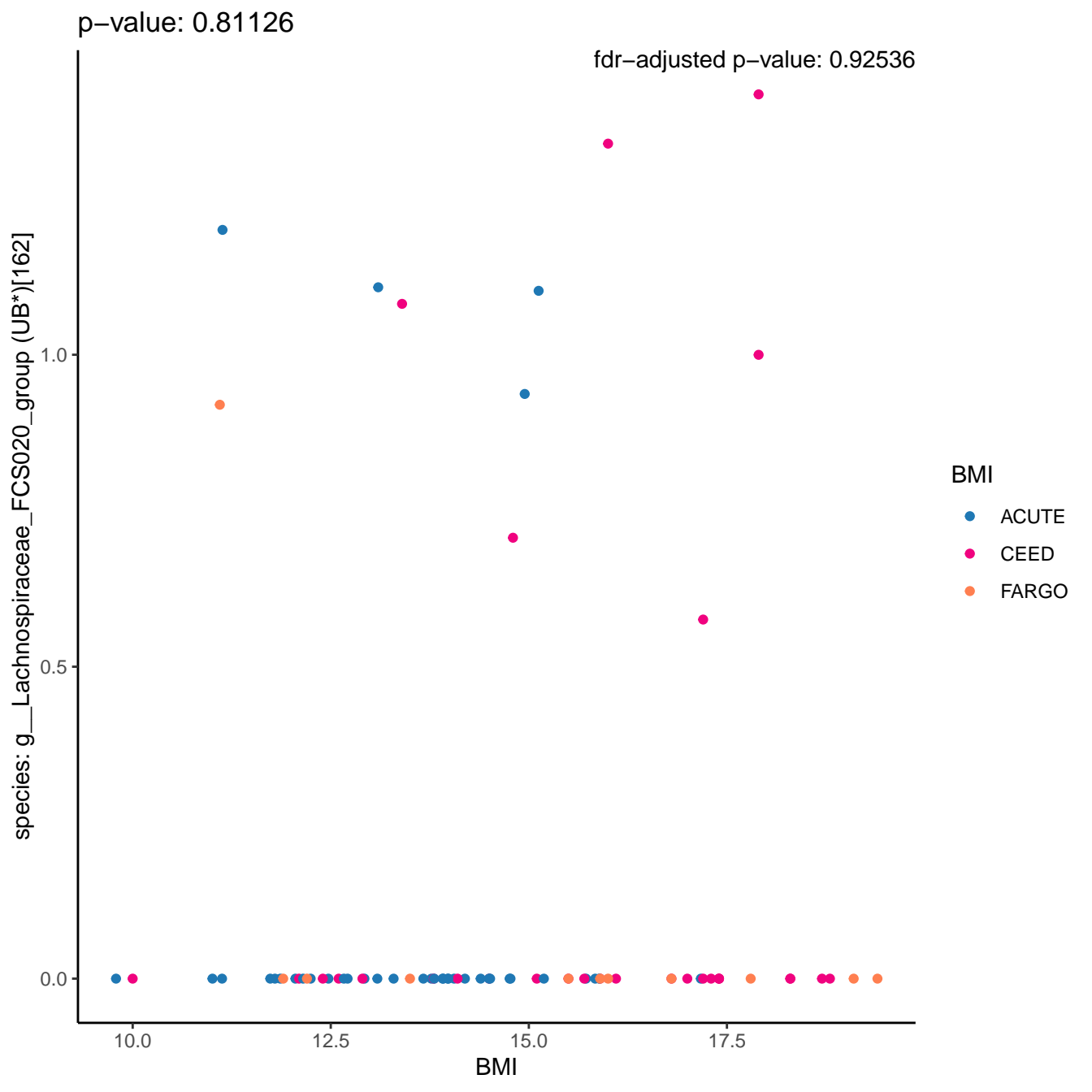
p-value: 0.81126

fdr-adjusted p-value: 0.92536

species: g__Lachnospiraceae_FCS020_group (UB*)[162]

BMI

ACUTE
CEED
FARGO



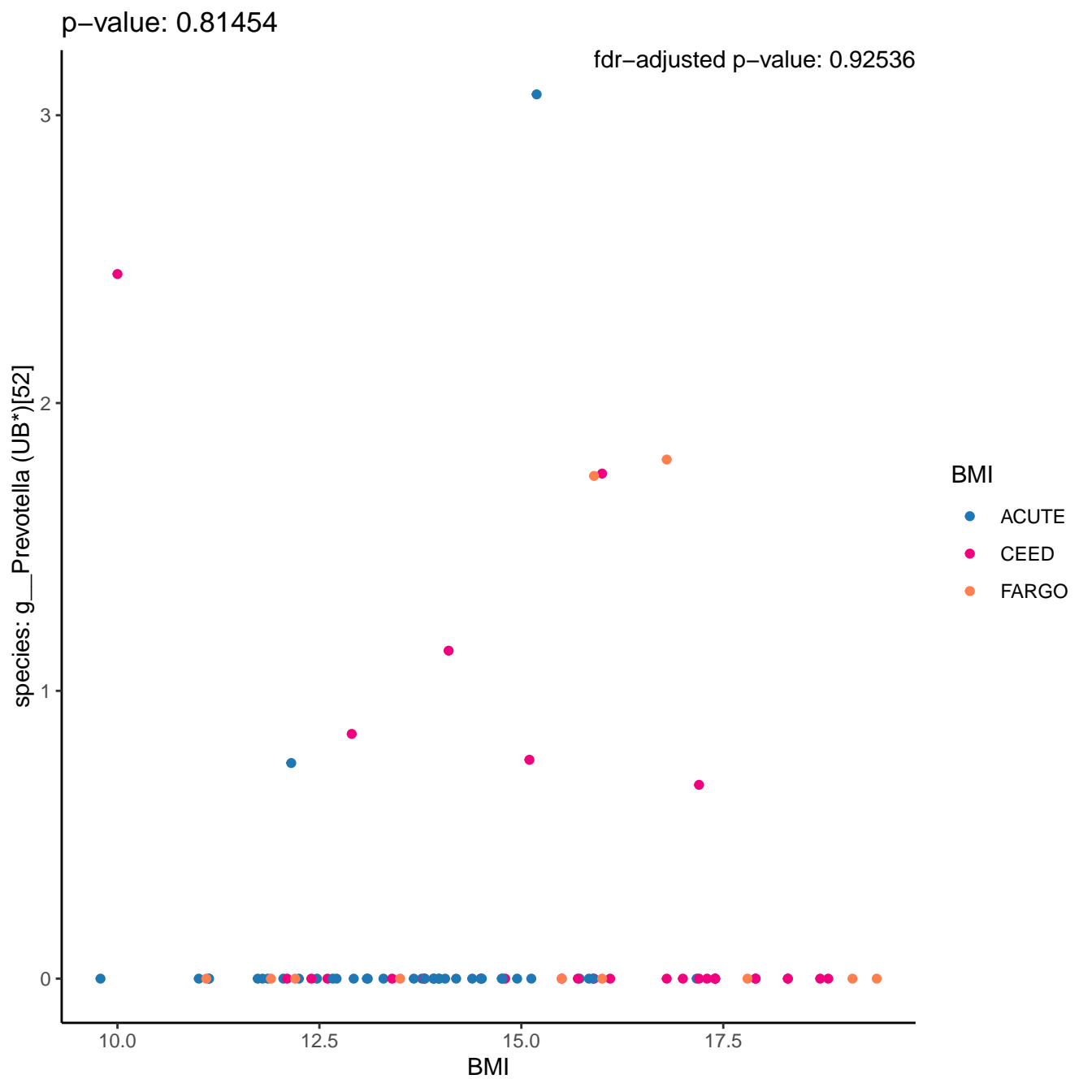
p-value: 0.81454

fdr-adjusted p-value: 0.92536

species: g__Prevotella (UB*)[52]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.81548

fdr-adjusted p-value: 0.92536



BMI

ACUTE

- CEED

- FARGO

BMI

p-value: 0.83062

fdr-adjusted p-value: 0.93591

species: Enterococcus.[150]

BMI

- ACUTE
- CEED
- FARGO

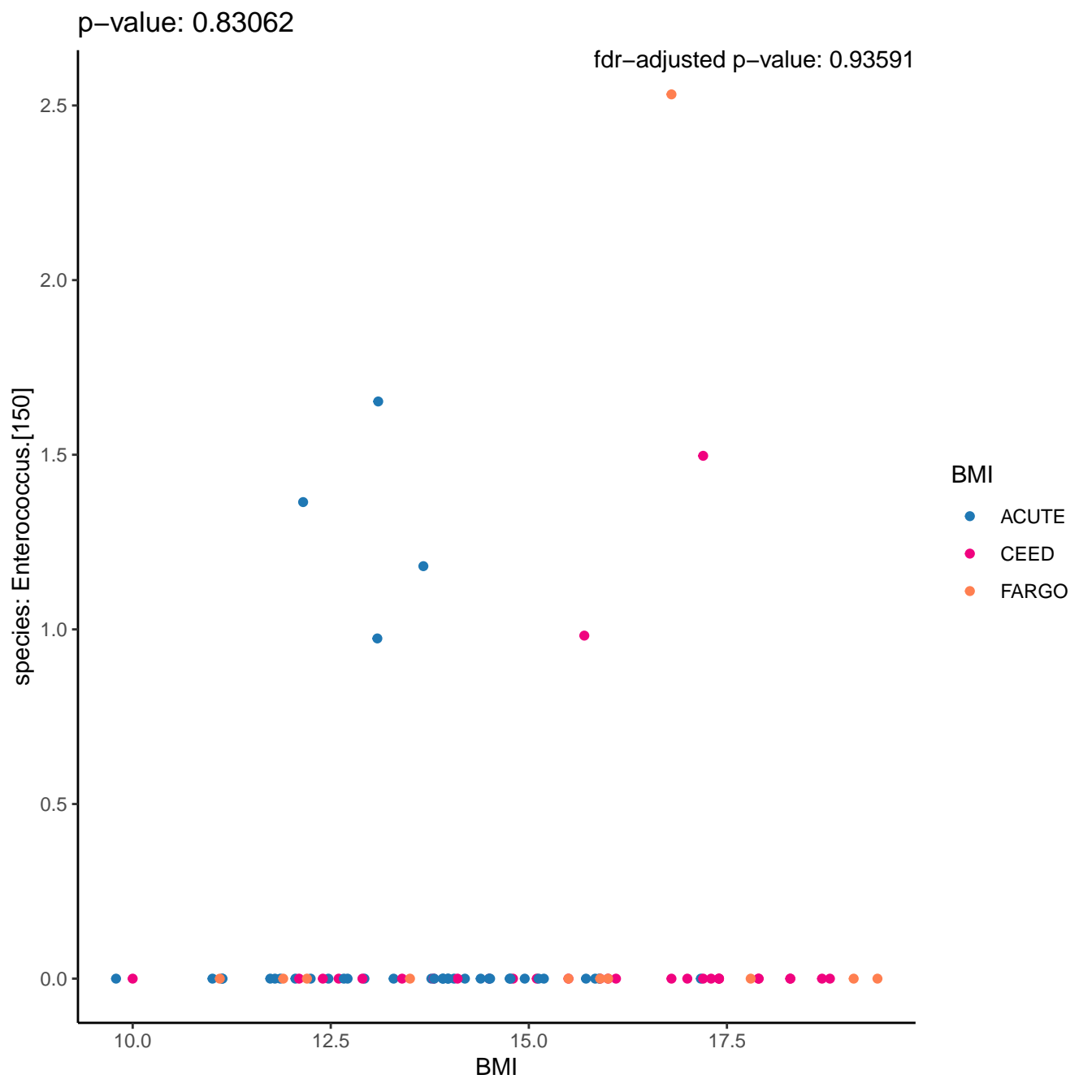
10.0

12.5

BMI

15.0

17.5



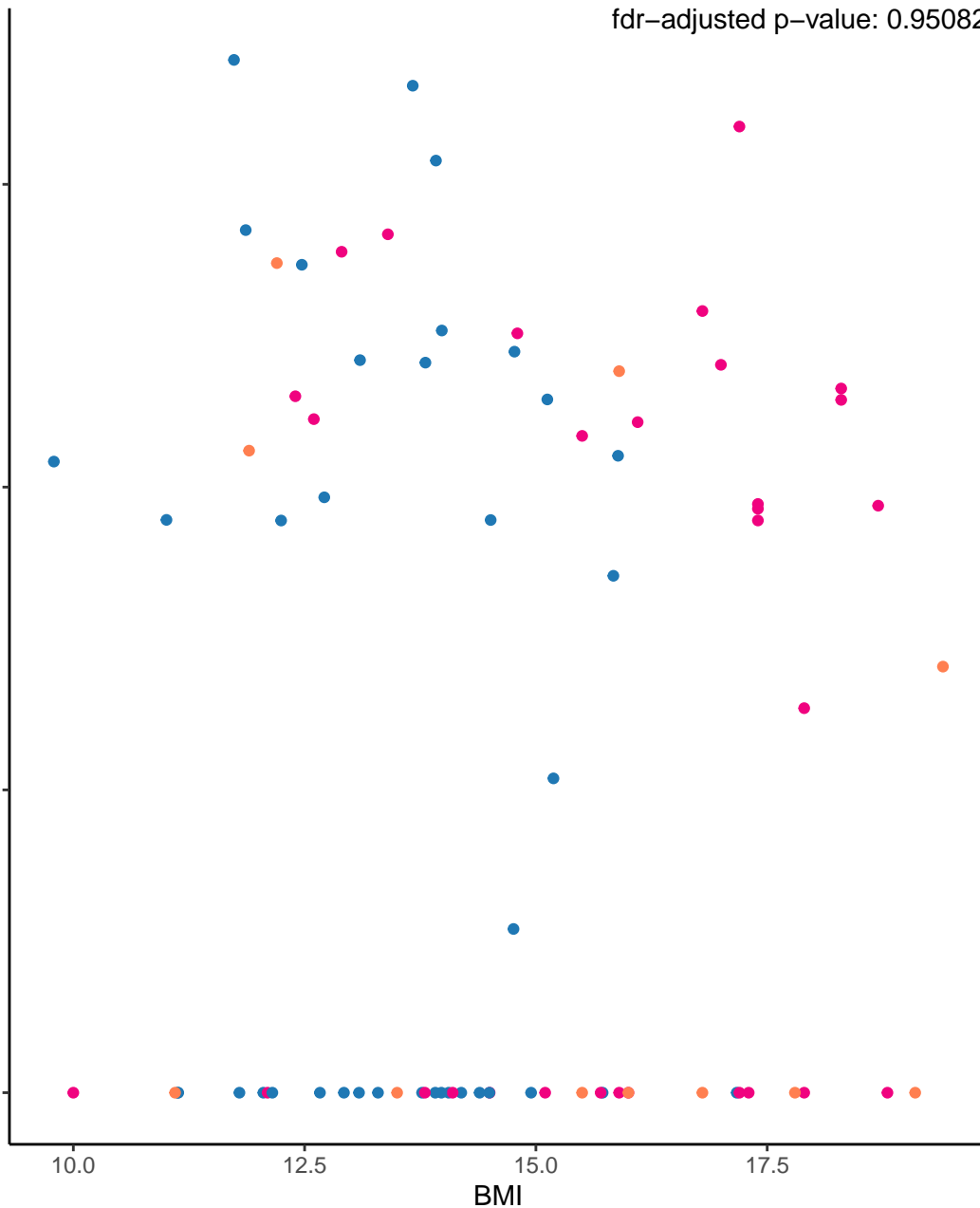
p-value: 0.85046

fdr-adjusted p-value: 0.95082

species: g__Actinomyces (UB*)[138]

BMI

ACUTE
CEED
FARGO



p-value: 0.86144

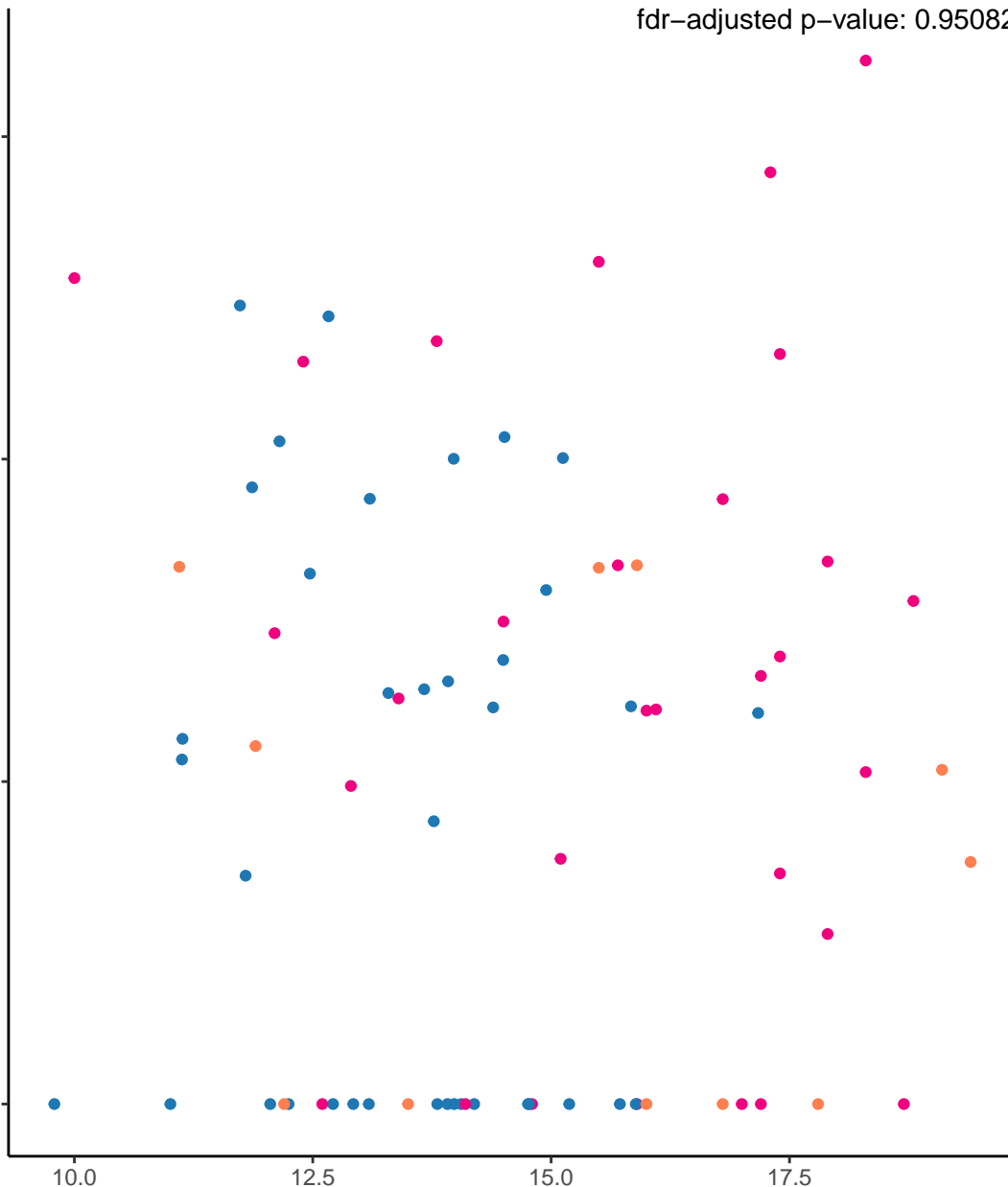
fdr-adjusted p-value: 0.95082

species: g__Romboutsia (UB*)[90]

BMI

ACUTE
CEED
FARGO

BMI



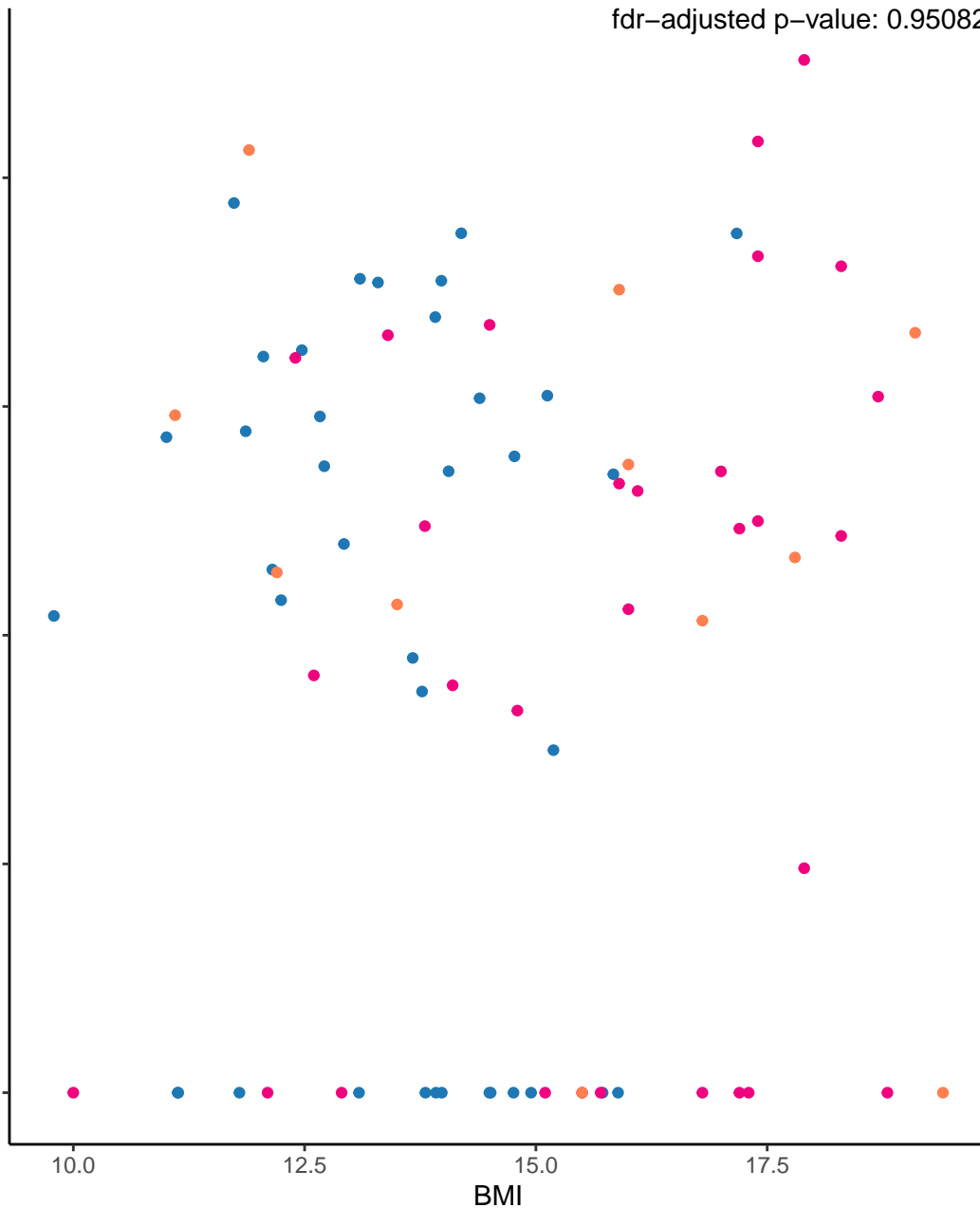
p-value: 0.86168

fdr-adjusted p-value: 0.95082

species: g__Oscillibacter (UB*)[152]

BMI

- ACUTE
- CEED
- FARGO



p-value: 0.86984

fdr-adjusted p-value: 0.95324

species: *Lactobacillus*. [85]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

12.5

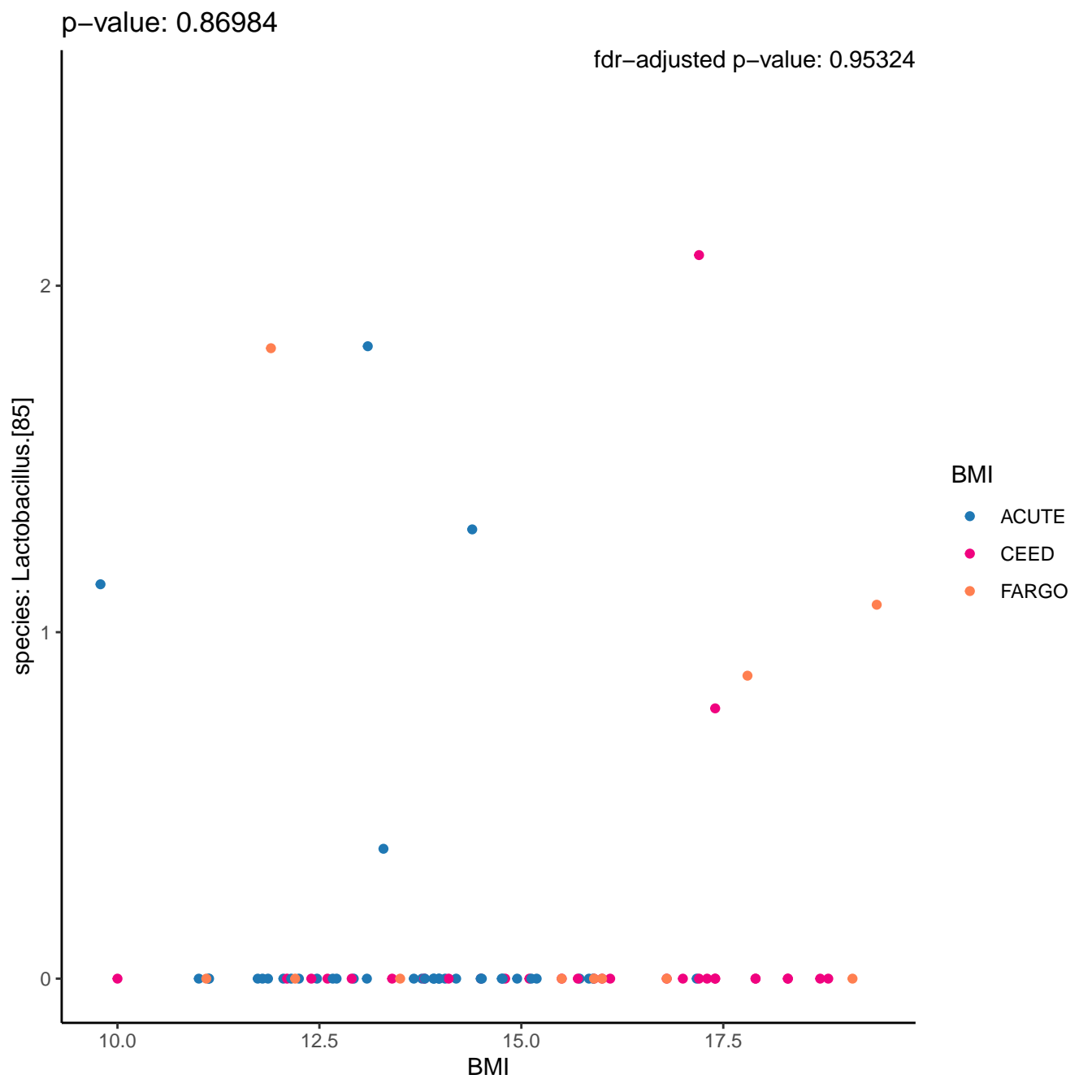
15.0

17.5

0

1

2



p-value: 0.90295

fdr-adjusted p-value: 0.97187

species: g__Clostridium_sensu_stricto_1 (UB*)[103]

BMI

ACUTE
CEED
FARGO

10.0

BMI

12.5

15.0

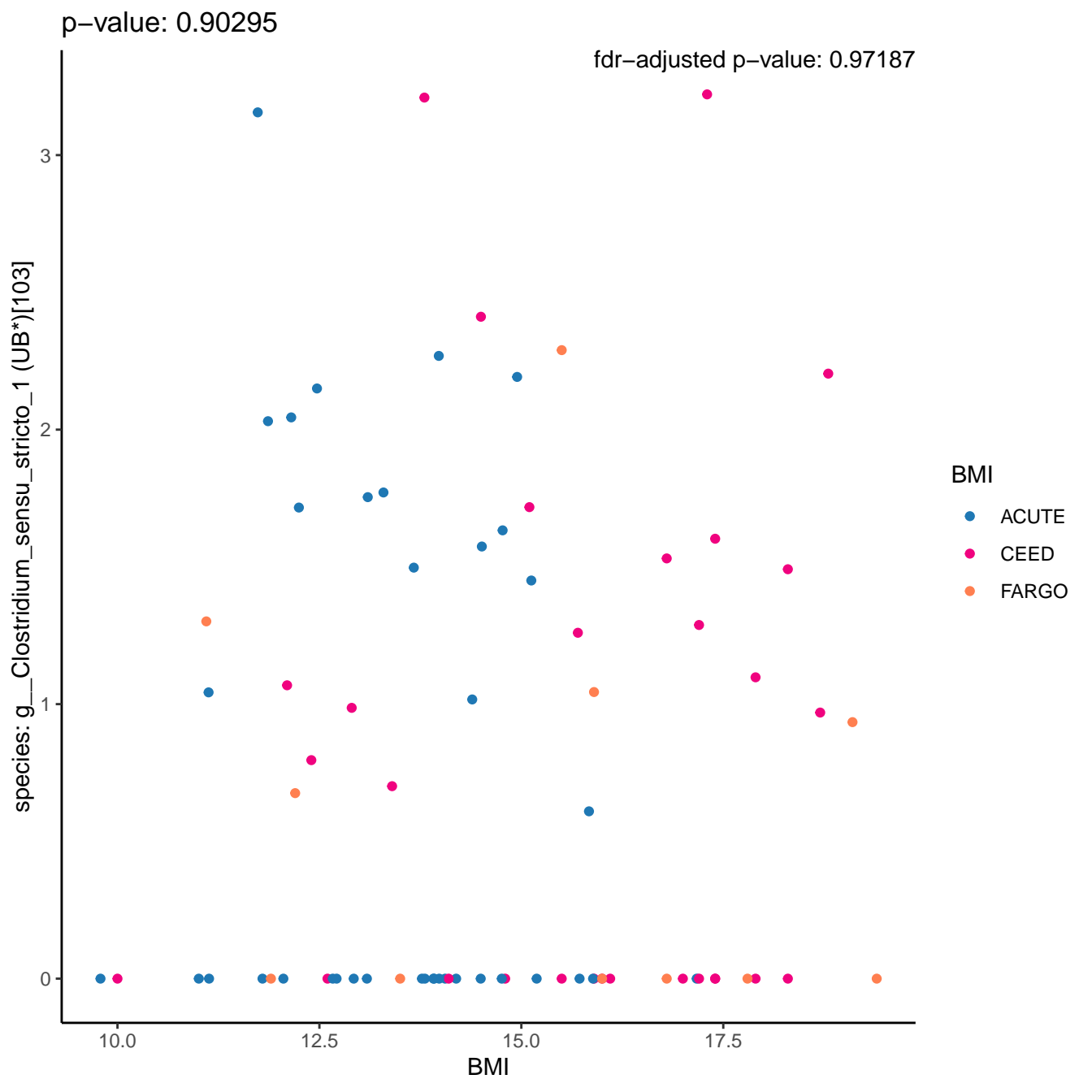
17.5

0

1

2

3



p-value: 0.90449

fdr-adjusted p-value: 0.97187

species: g__RF39 (UB*)[110]

BMI

- ACUTE
- CEED
- FARGO

0.0

0.2

0.4

0.6

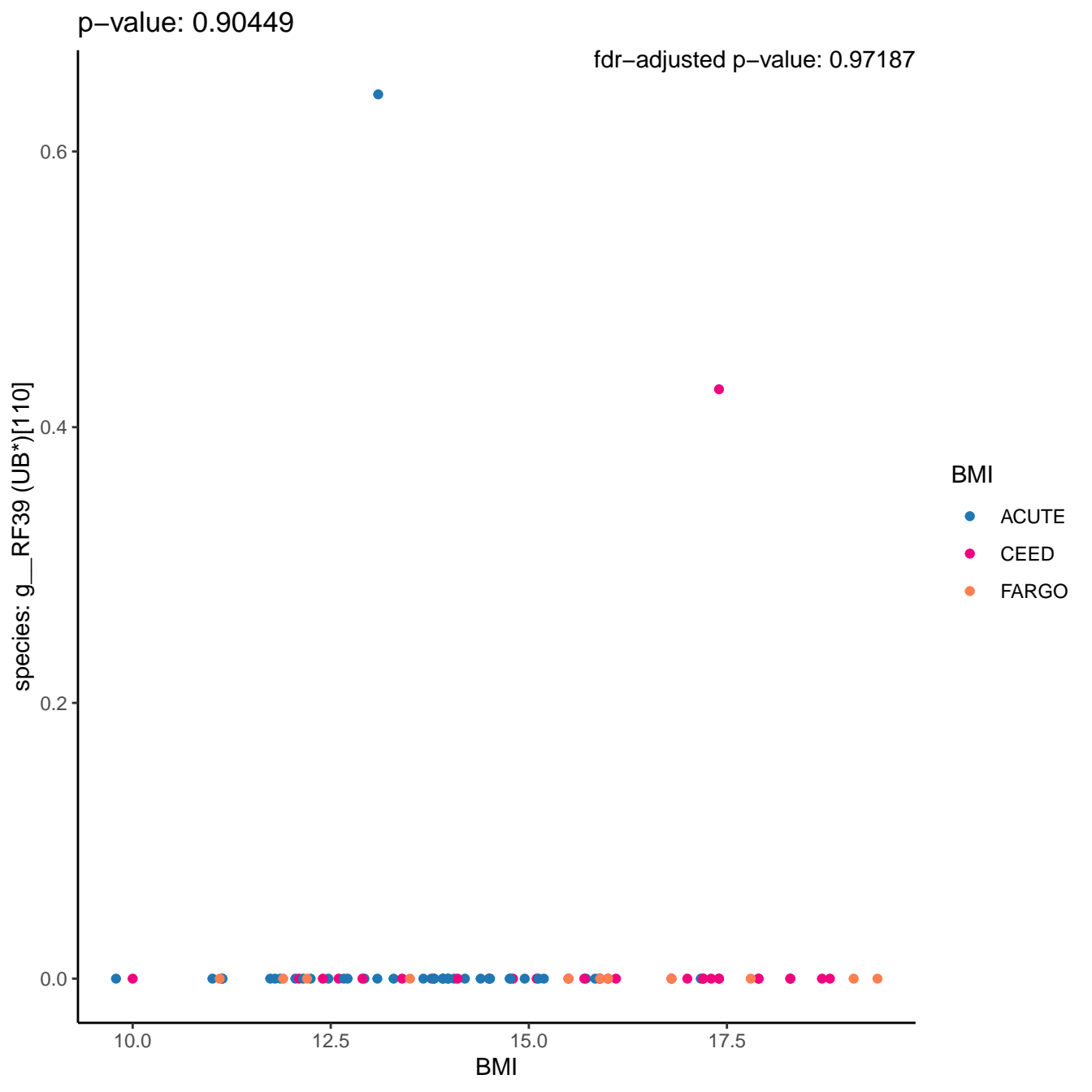
10.0

12.5

BMI

15.0

17.5



p-value: 0.90969

fdr-adjusted p-value: 0.97187

species: Bifidobacterium_dentium[51]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

12.5

15.0

17.5

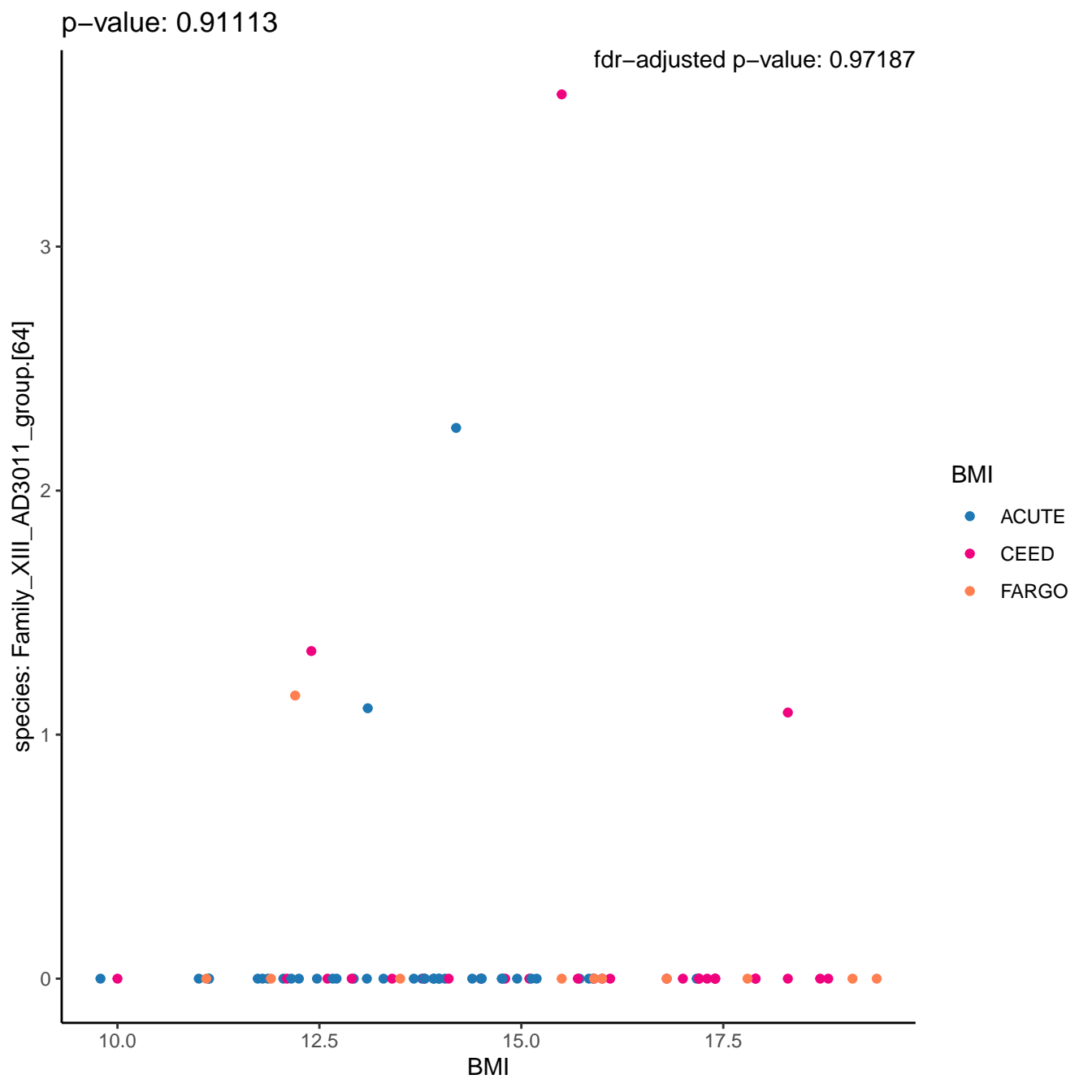
p-value: 0.91113

fdr-adjusted p-value: 0.97187

species: Family_XIII_AD3011_group.[64]

BMI

ACUTE
CEED
FARGO



p-value: 0.92122

fdr-adjusted p-value: 0.97613

species: *Clostridium_sensu_stricto_2*.[66]

BMI

- ACUTE
- CEED
- FARGO

10.0

12.5

BMI

15.0

17.5

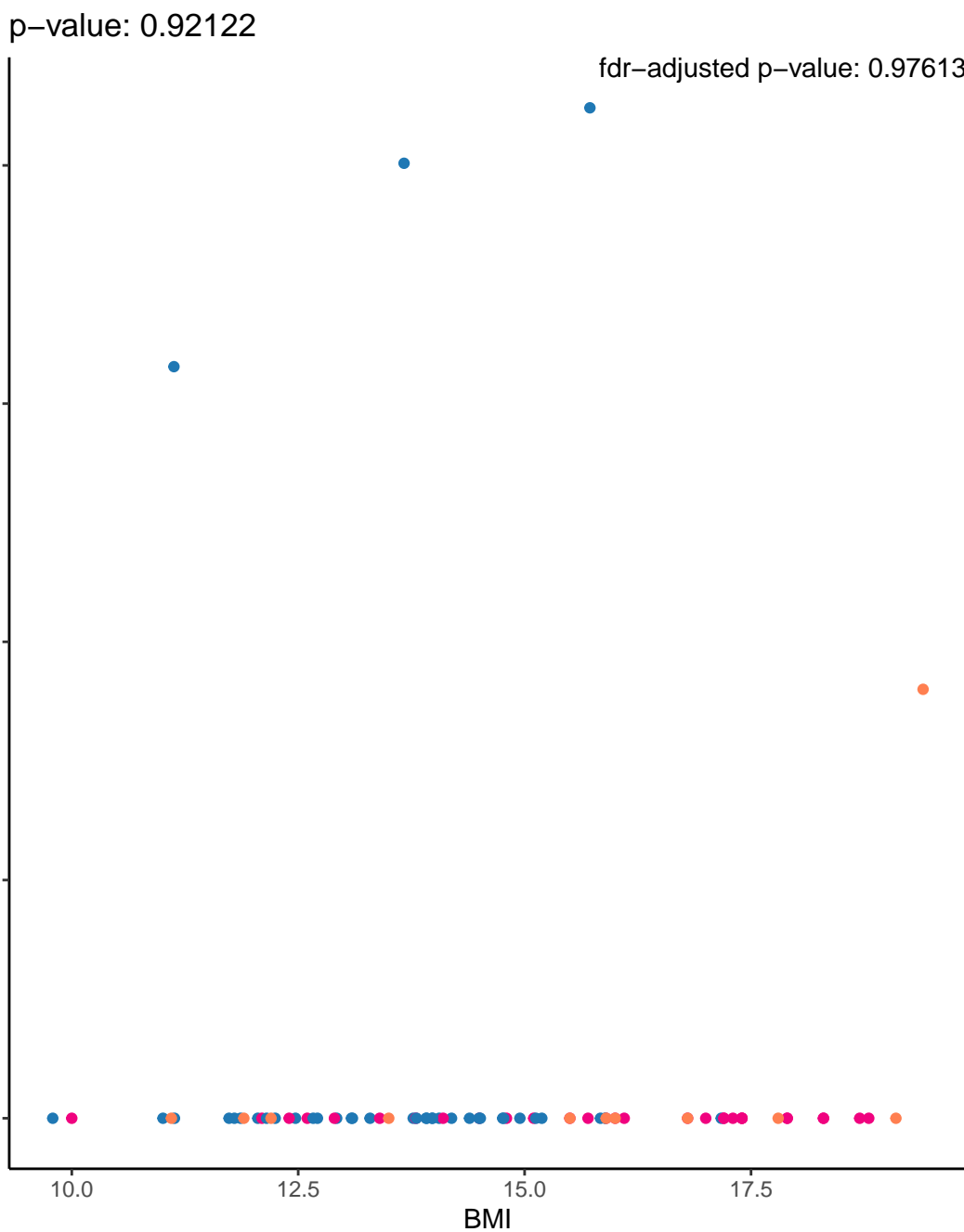
0.0

0.5

1.0

1.5

2.0



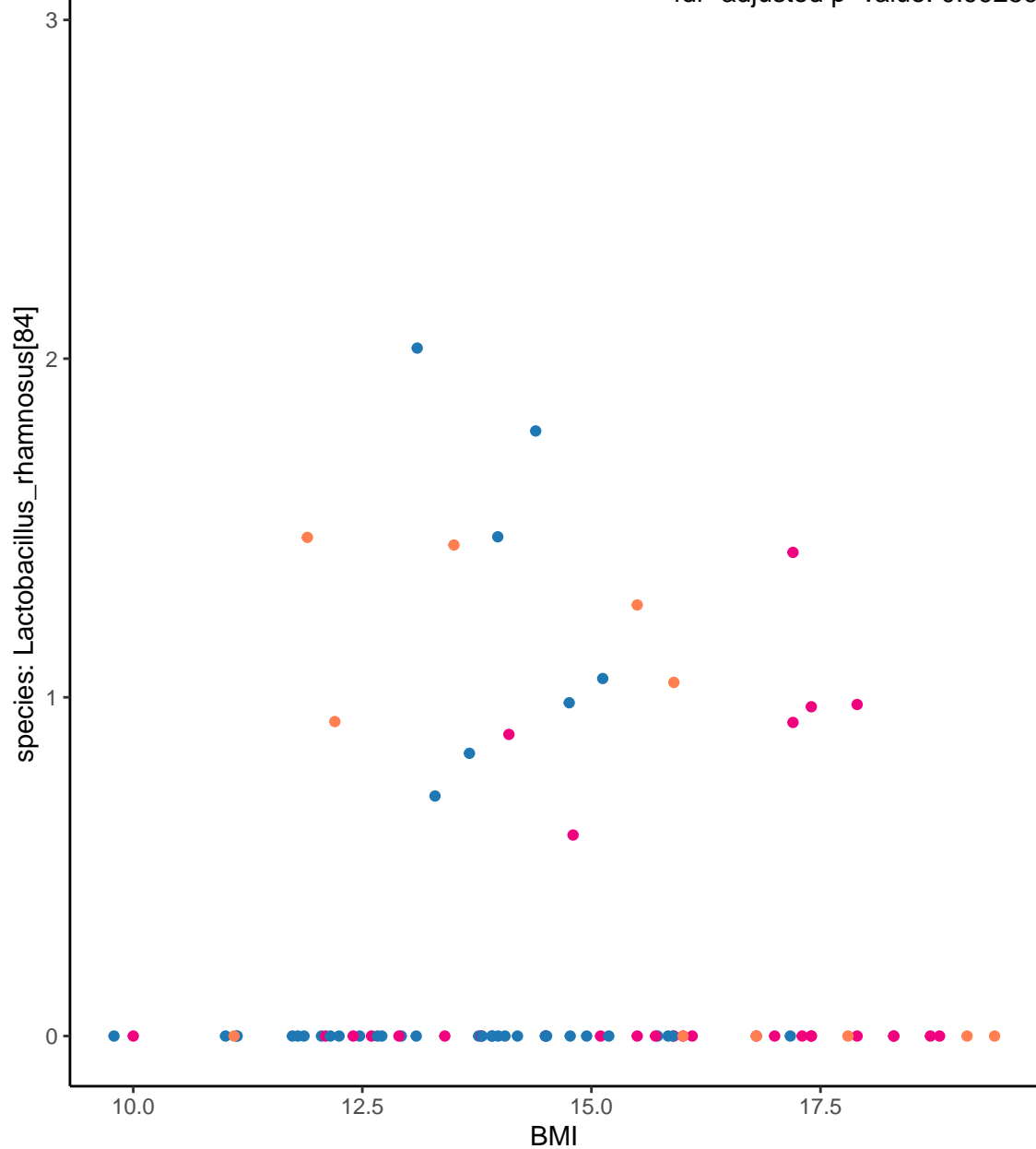
p-value: 0.94722

fdr-adjusted p-value: 0.99259

species: *Lactobacillus_rhamnosus*[84]

BMI

ACUTE
CEED
FARGO



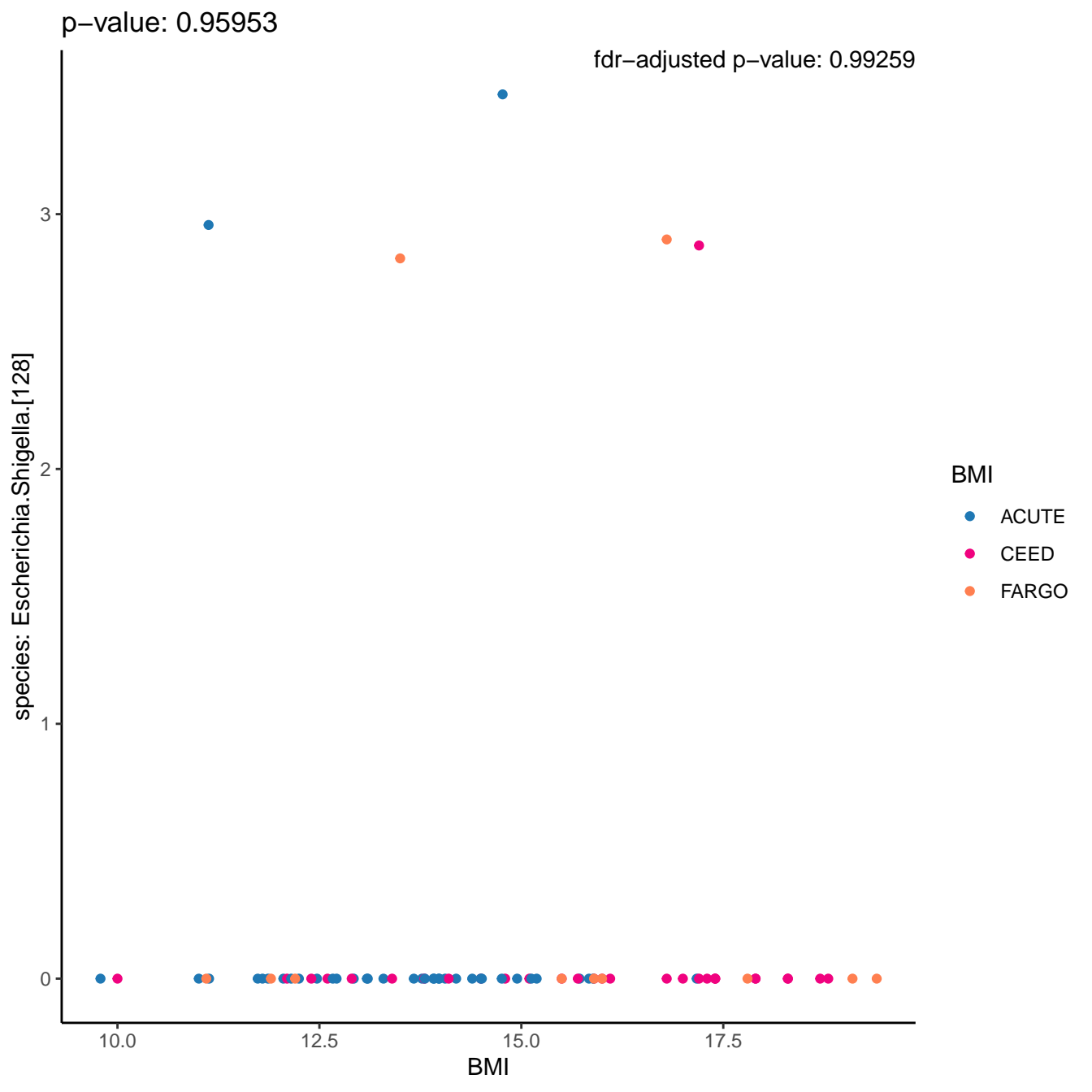
p-value: 0.95953

fdr-adjusted p-value: 0.99259

species: *Escherichia.Shigella*. [128]

BMI

- ACUTE
- CEED
- FARGO



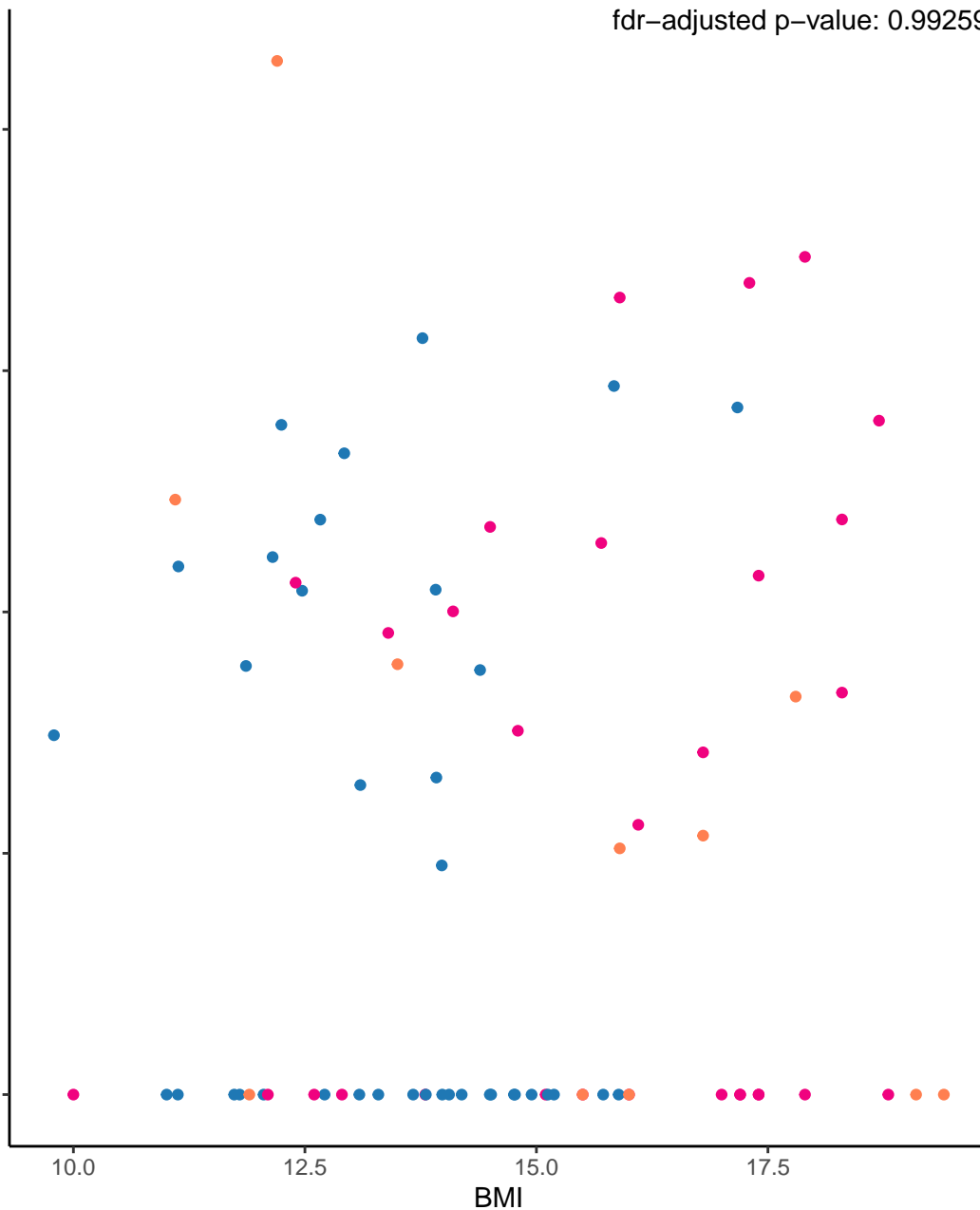
p-value: 0.95975

fdr-adjusted p-value: 0.99259

species: Odoribacter.[164]

BMI

ACUTE
CEED
FARGO



p-value: 0.96281

fdr-adjusted p-value: 0.99259

species: g__Clostridia_UCG.014 (UB*)[7]

BMI

- ACUTE
- CEED
- FARGO

10.0

BMI

12.5

15.0

17.5

p-value: 0.96778

fdr-adjusted p-value: 0.99259

species: g__Akkermansia (UB*)[23]

BMI

ACUTE
CEED
FARGO

10.0

BMI

12.5

15.0

17.5

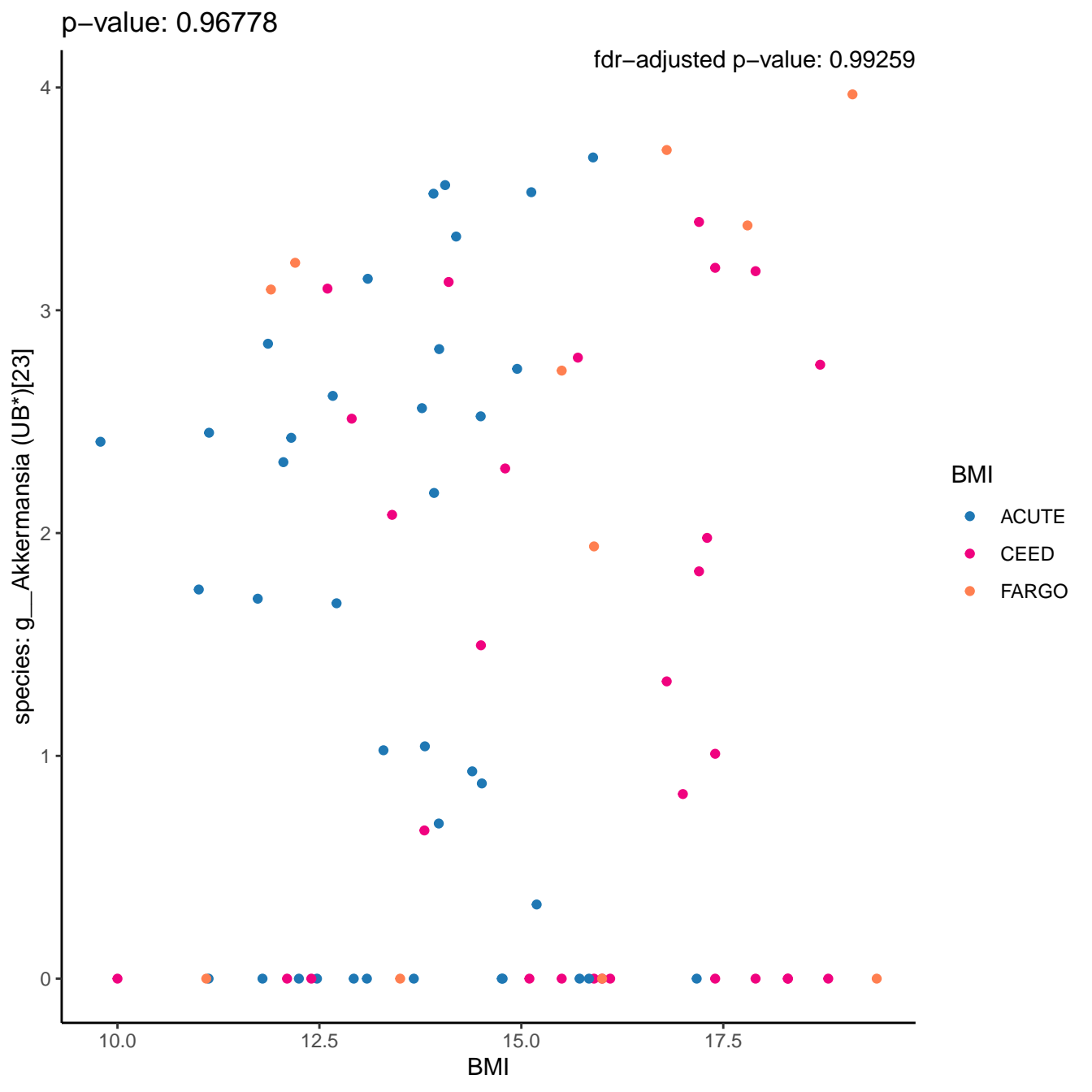
0

1

2

3

4



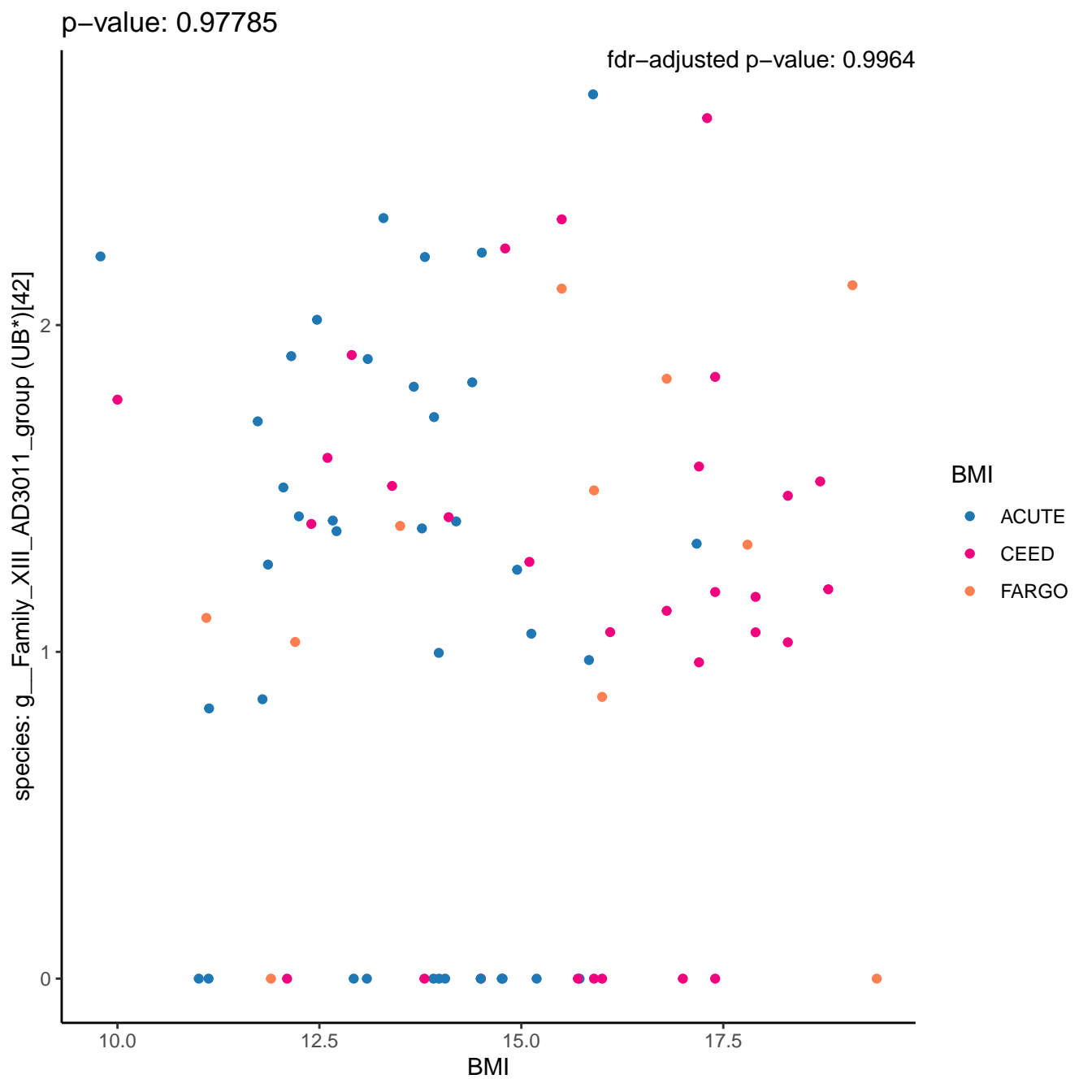
p-value: 0.97785

fdr-adjusted p-value: 0.9964

species: g__Family_XIII_AD3011_group (UB*)[42]

BMI

ACUTE
CEED
FARGO



p-value: 0.98862

fdr-adjusted p-value: 0.9964

species: Cloacibacillus.[173]

BMI

- ACUTE
- CEED
- FARGO

2.0

1.5

1.0

0.5

0.0

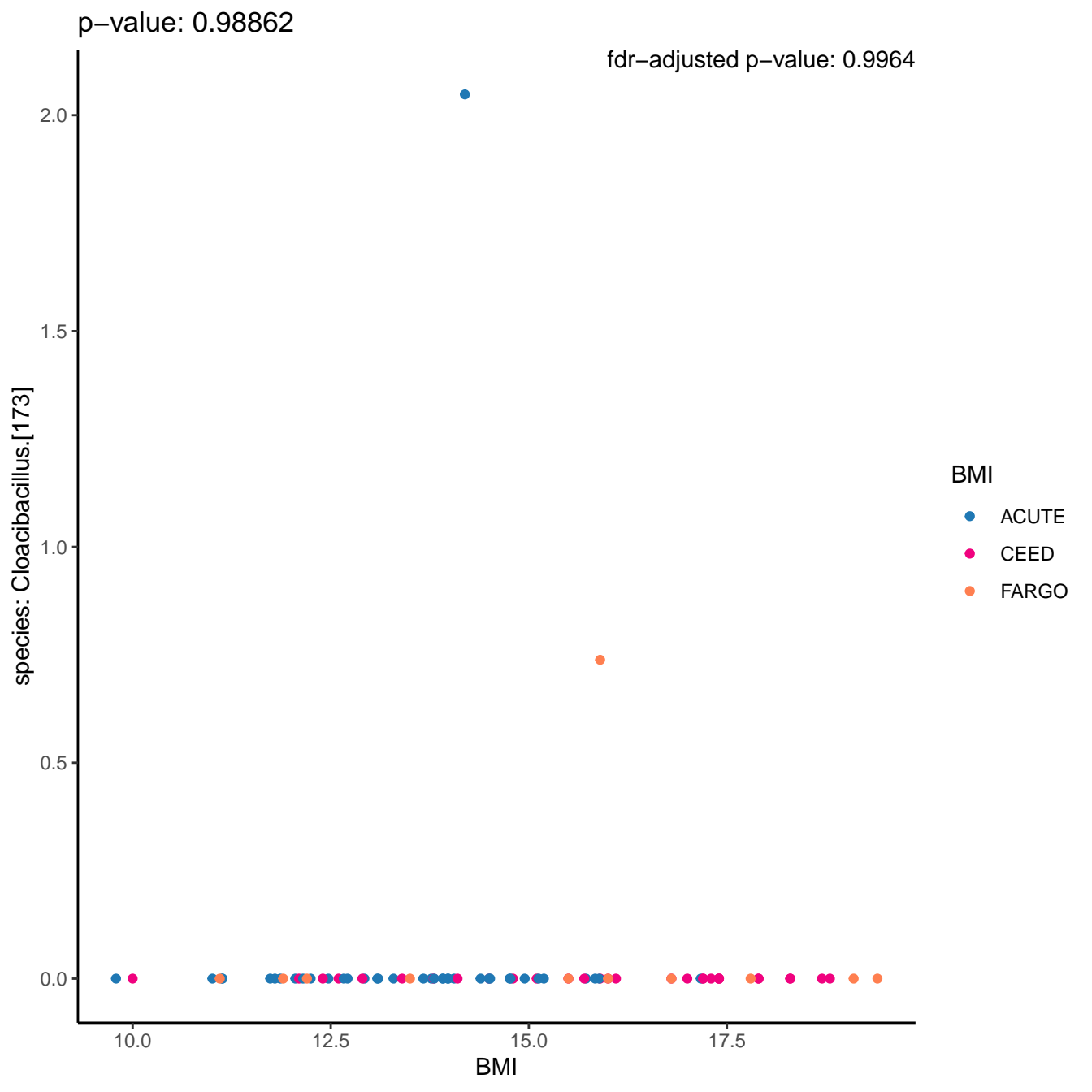
10.0

12.5

BMI

15.0

17.5



p-value: 0.99276

fdr-adjusted p-value: 0.9964

species: Anaerotruncus.[154]

BMI

ACUTE
CEED
FARGO

10.0

12.5

BMI

15.0

17.5

0.0

0.5

1.0

1.5

2.0

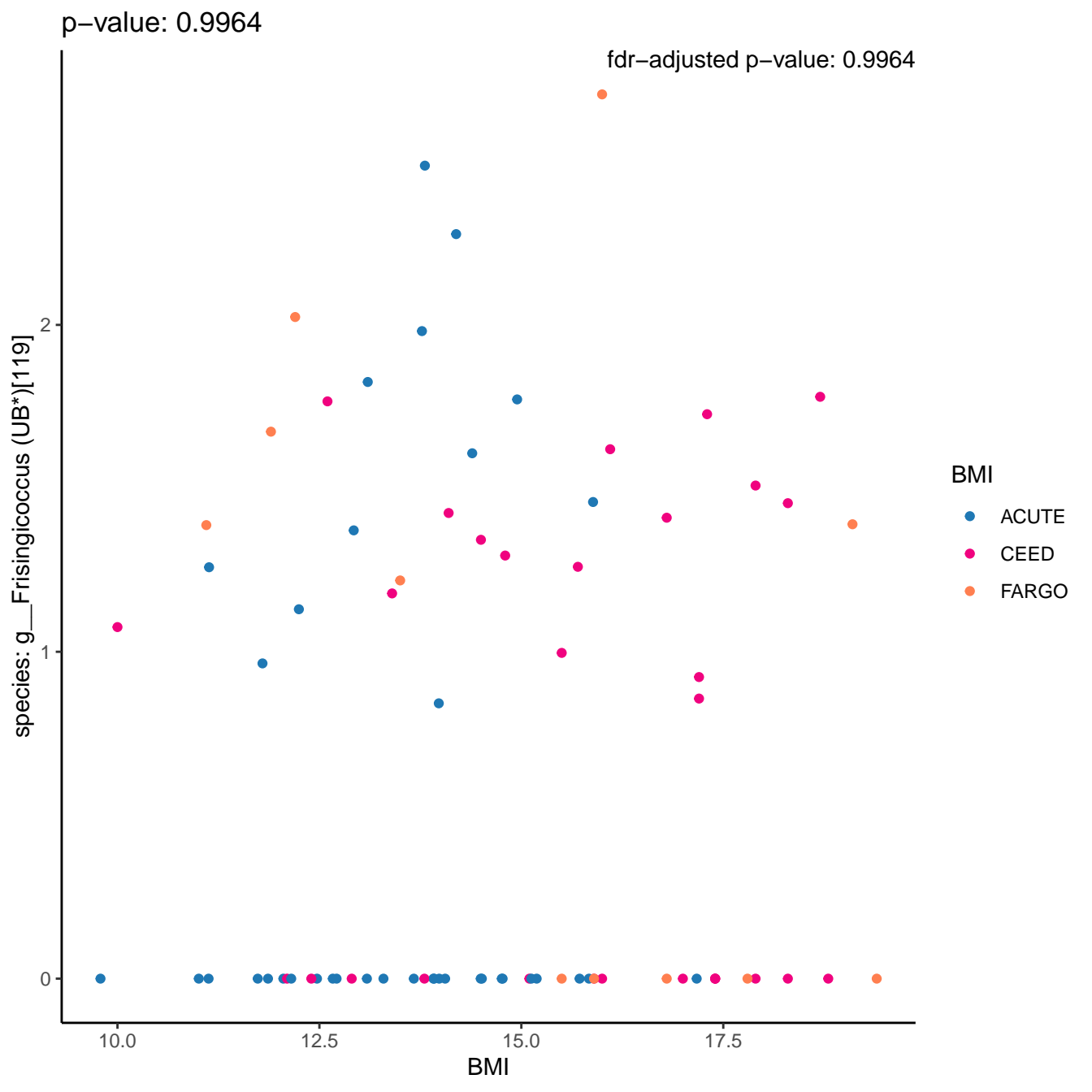
p-value: 0.9964

fdr-adjusted p-value: 0.9964

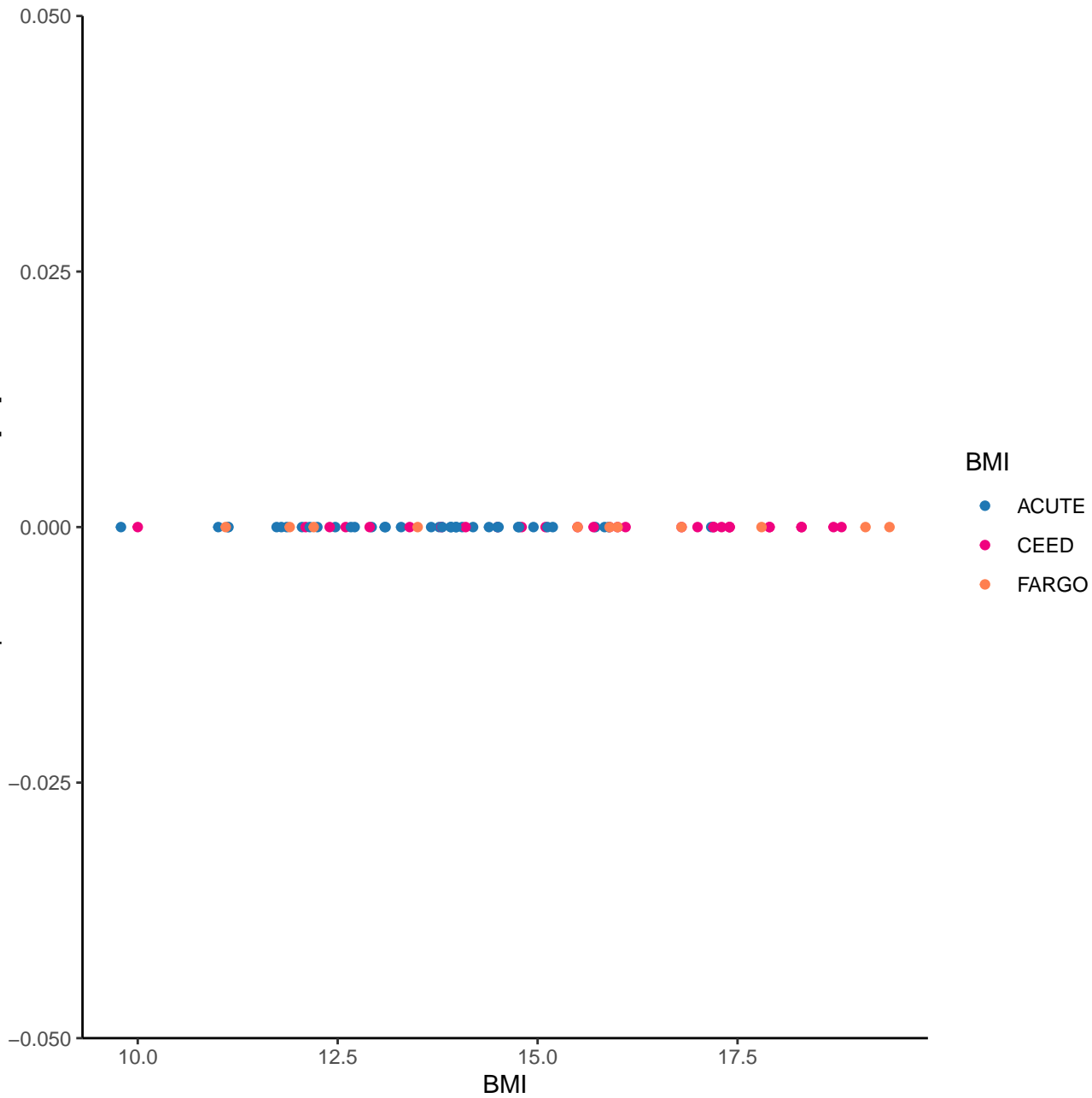
species: g__Frisingicoccus (UB*)[119]

BMI

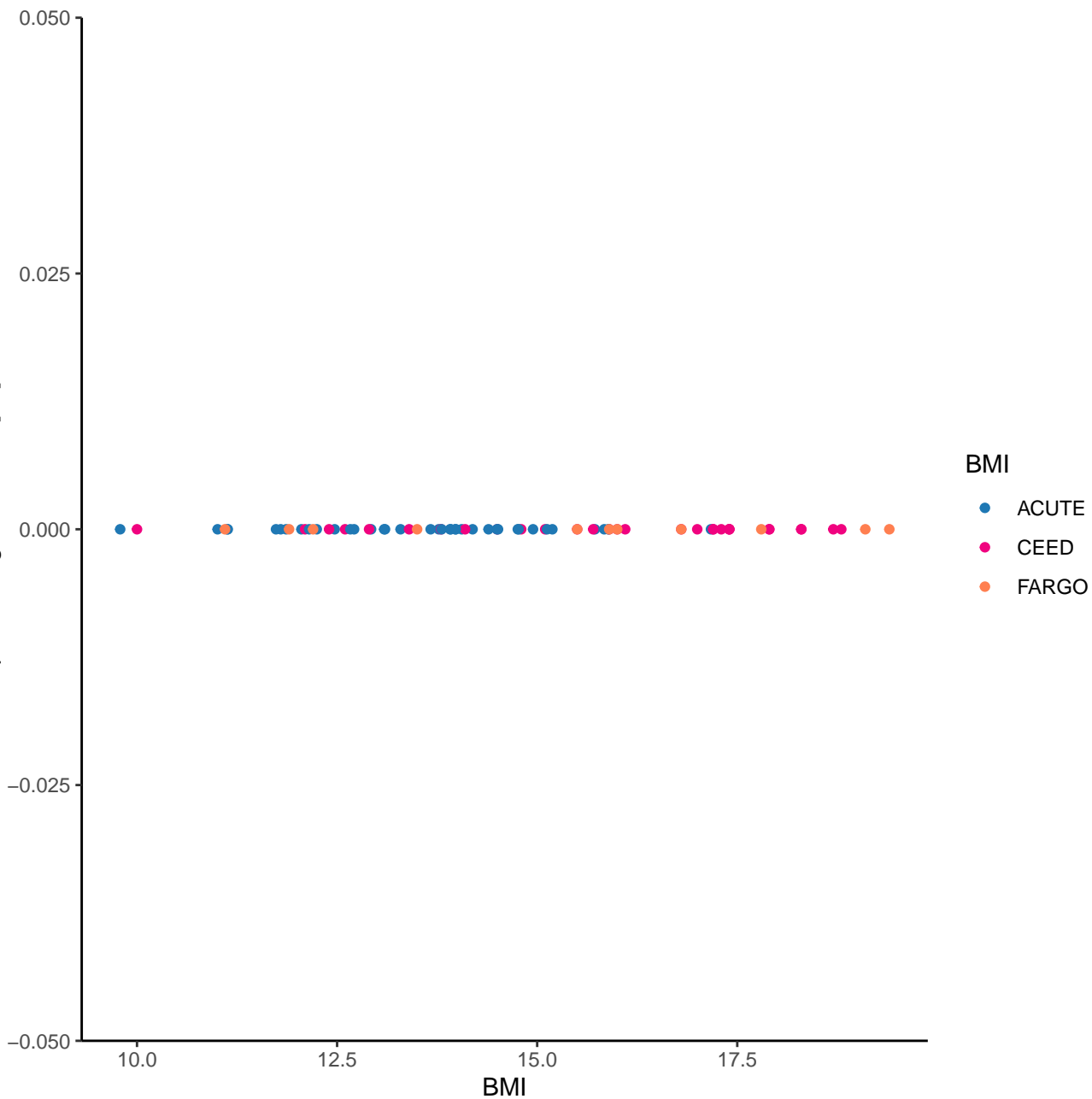
ACUTE
CEED
FARGO



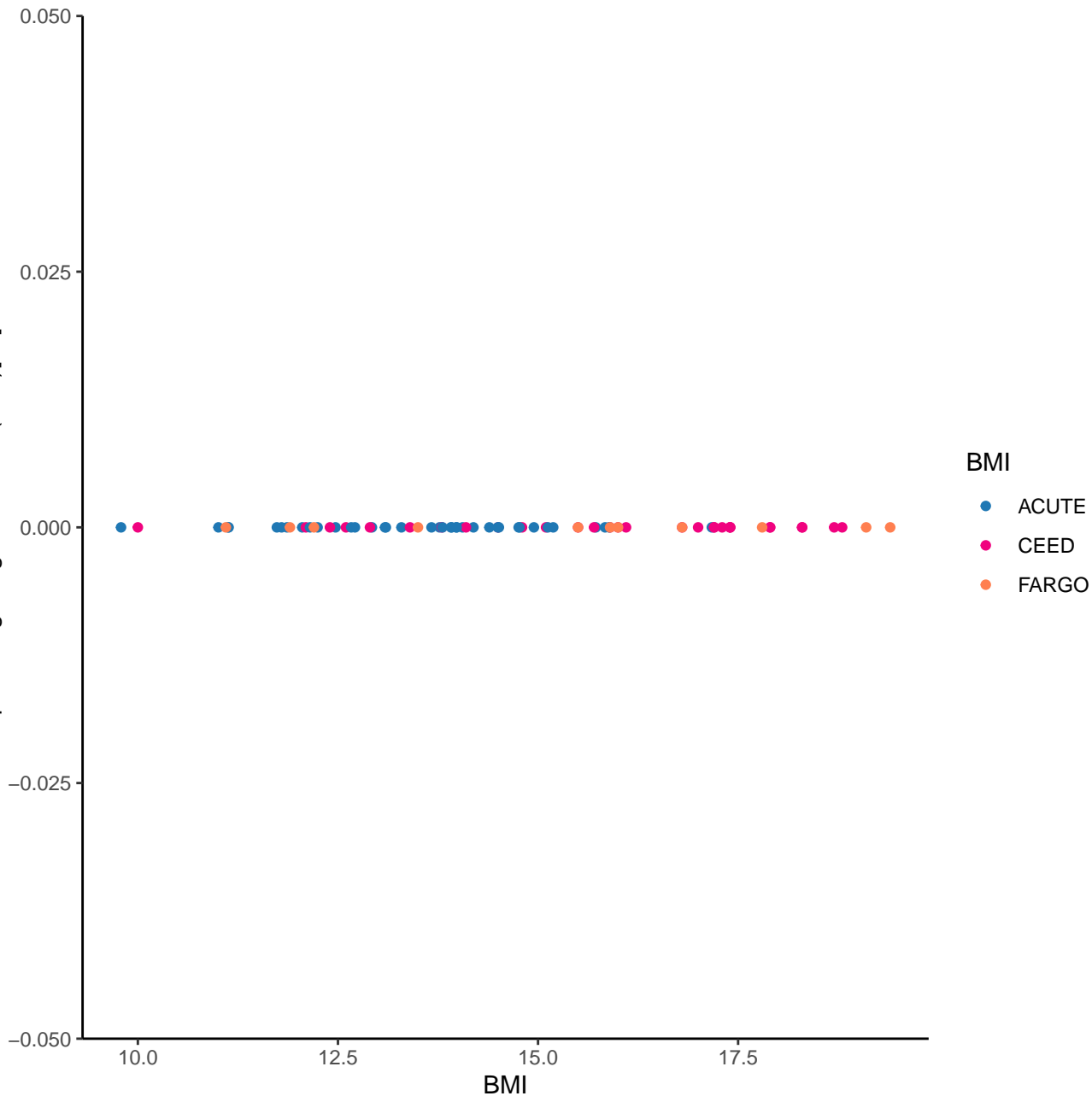
species: Roseburia.[17]

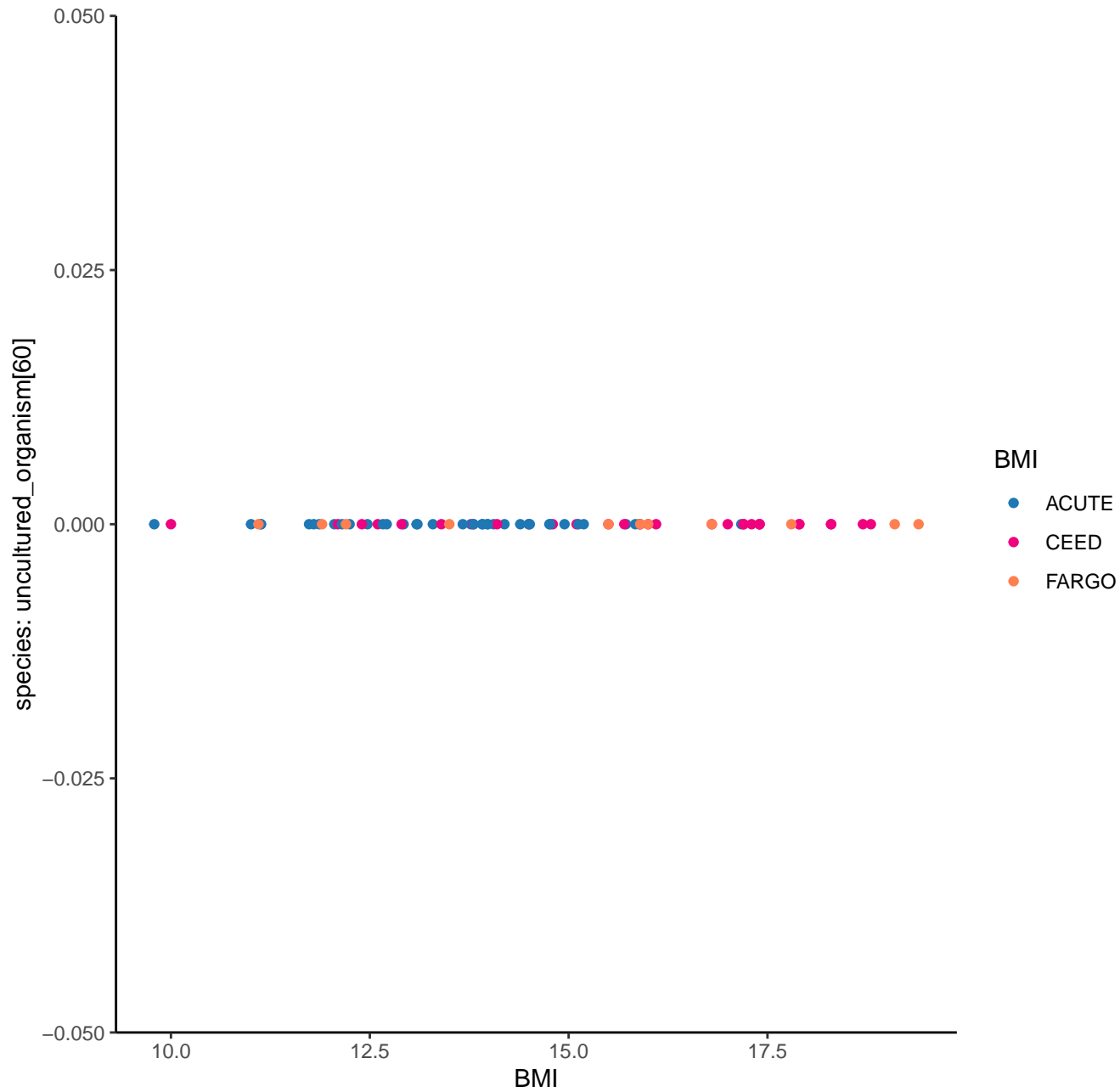


species: Agathobacter.[54]

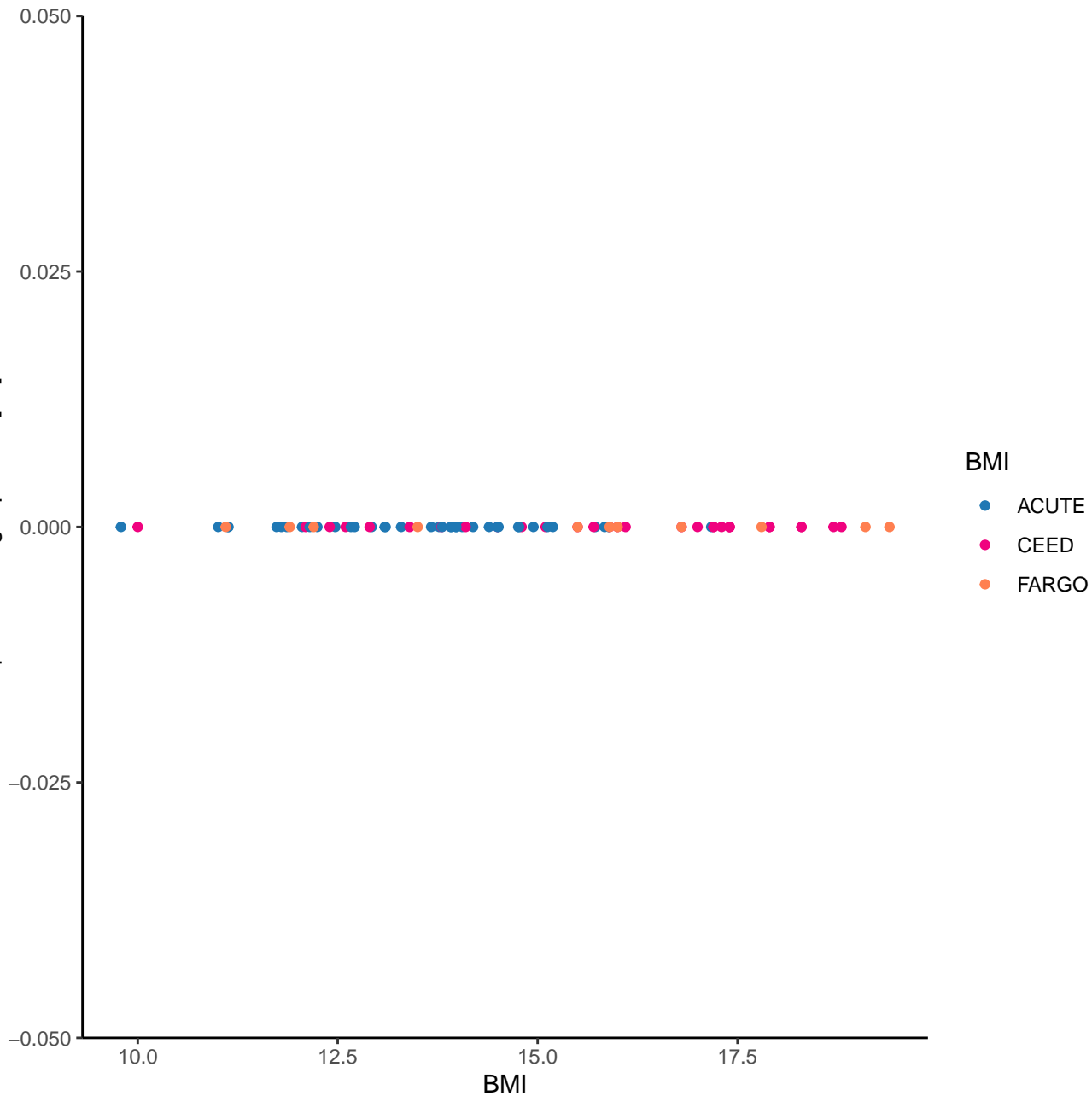


species: g__Agathobacter (UB*)[55]

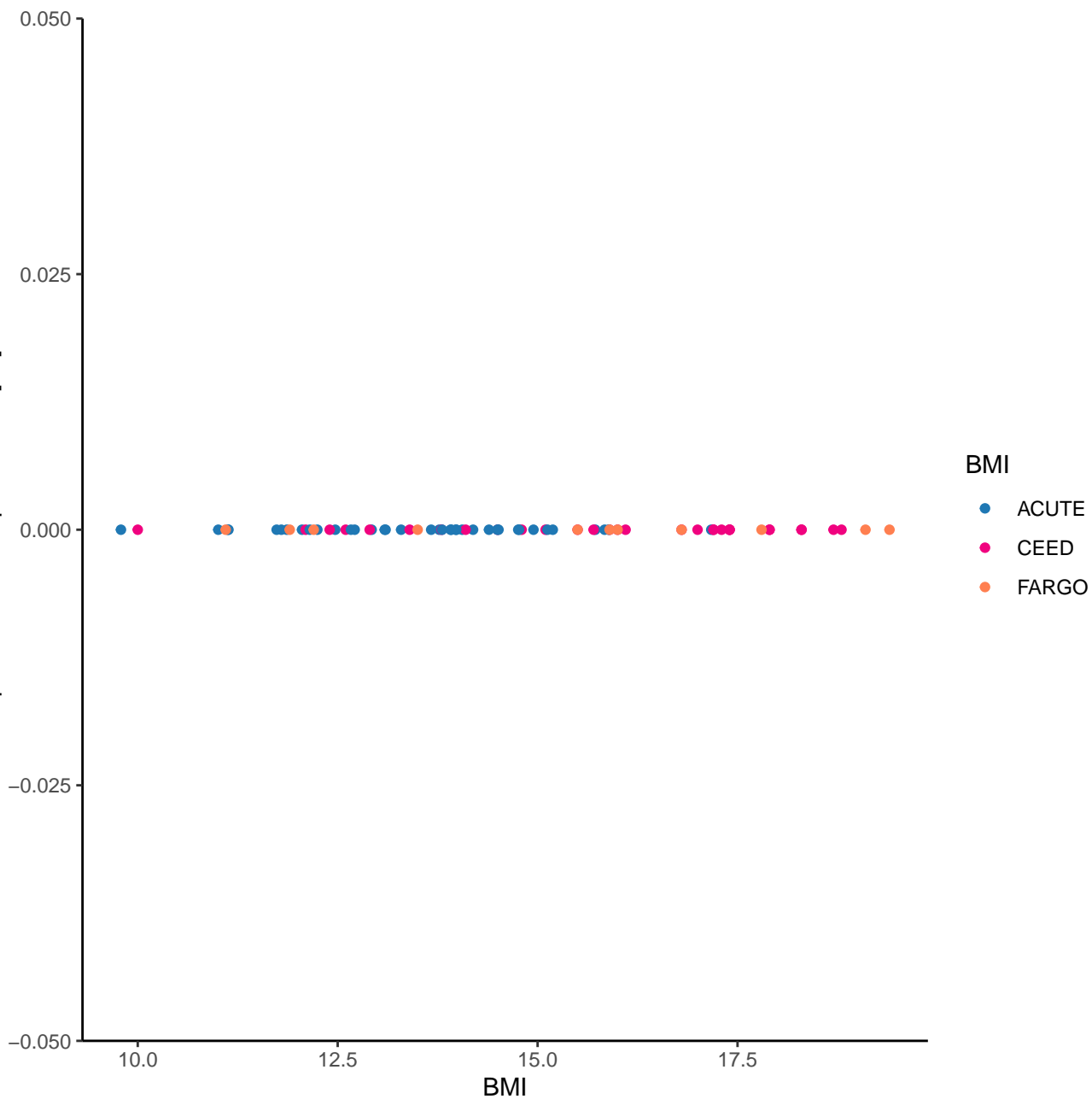


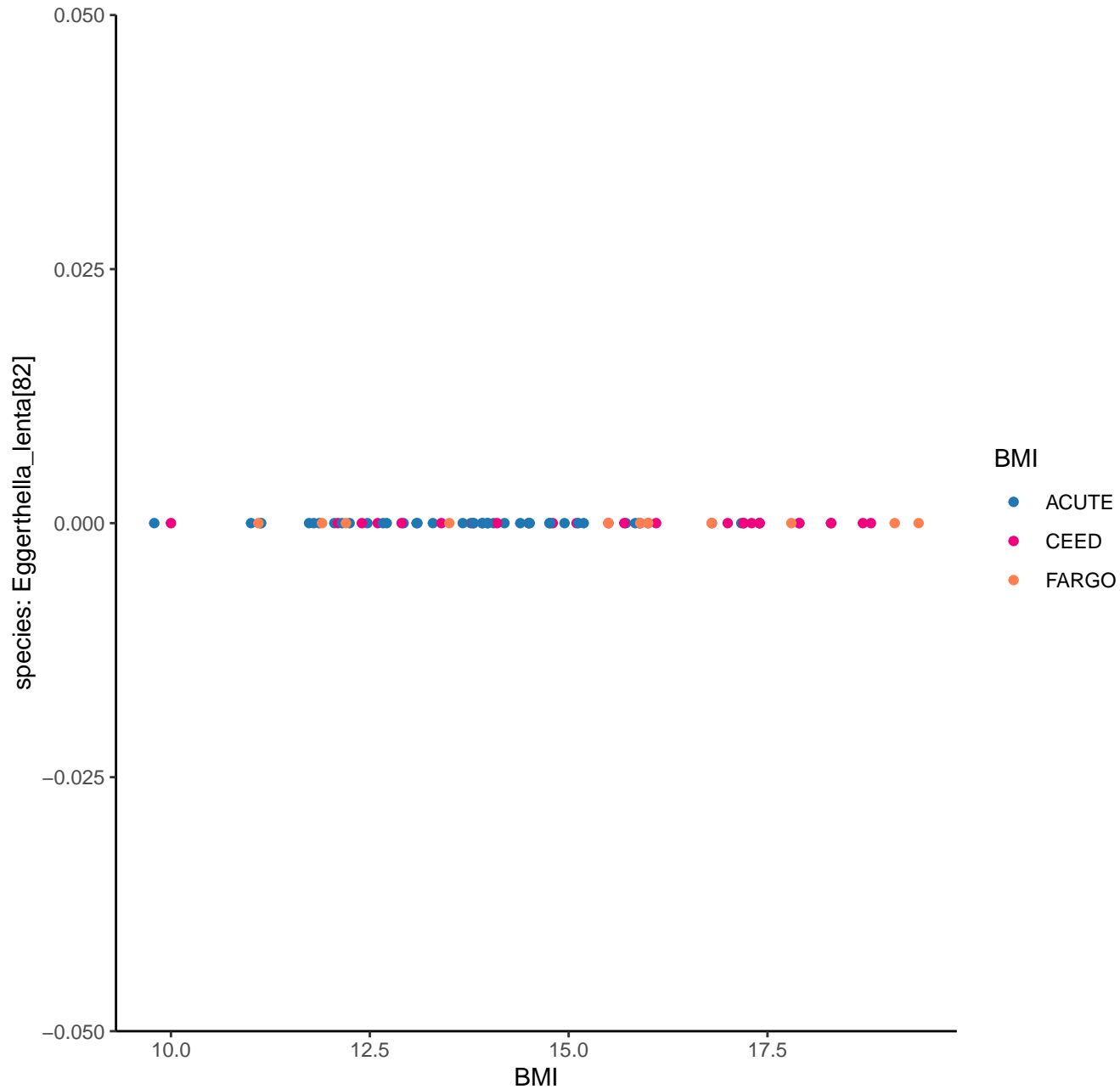


species: *Megasphaera*.[74]

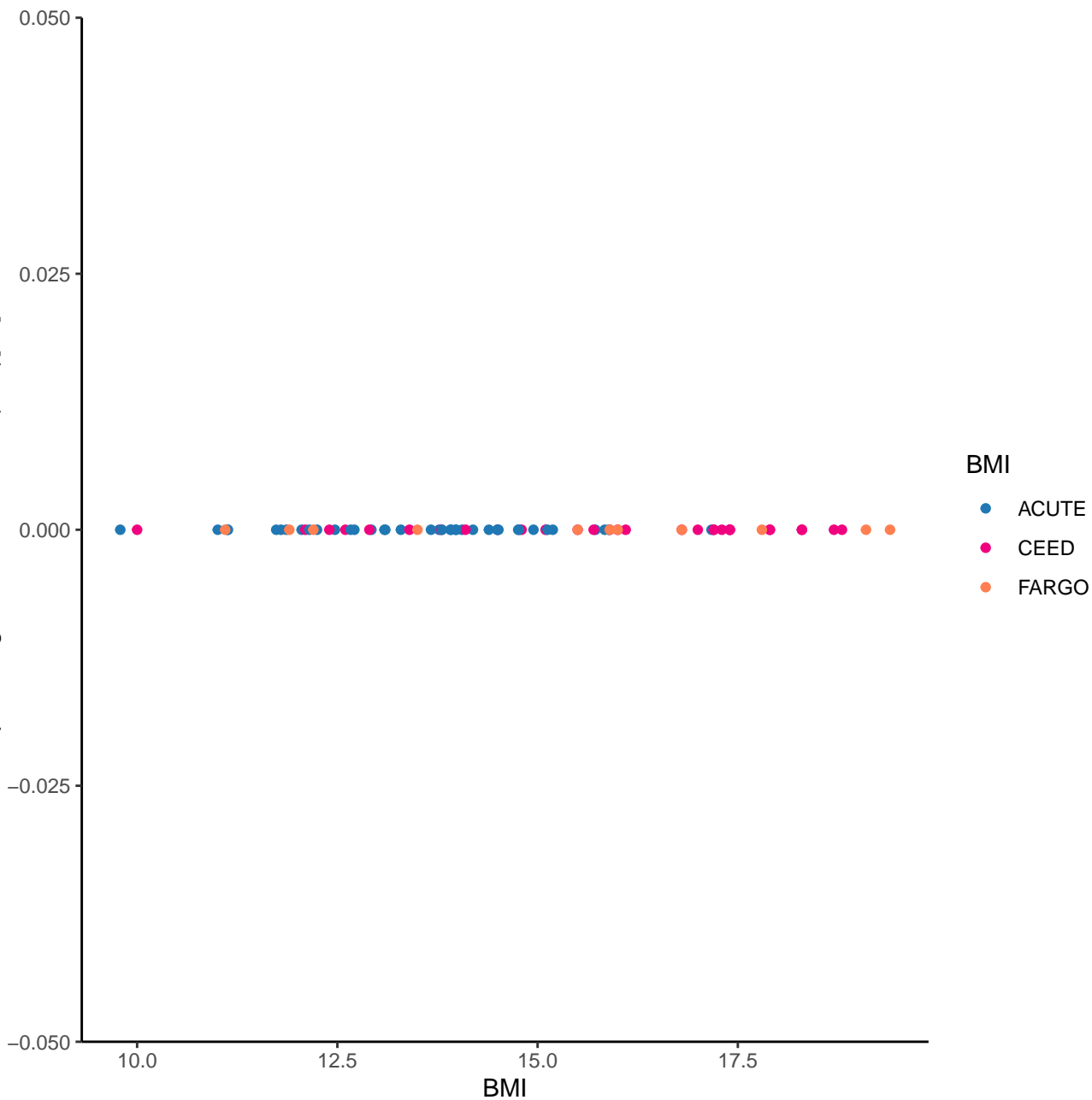


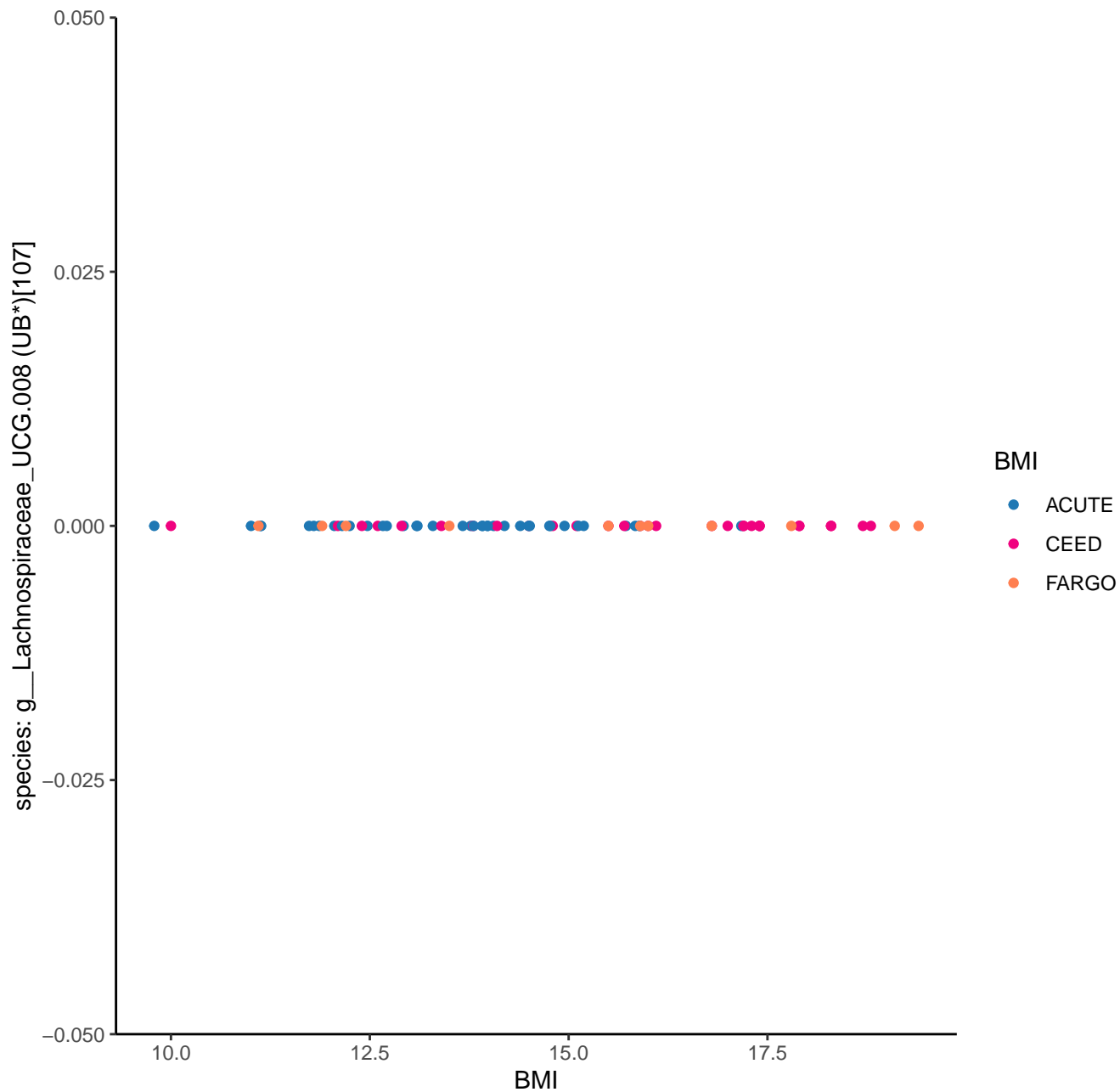
species: Anaerospirrobacter.[78]



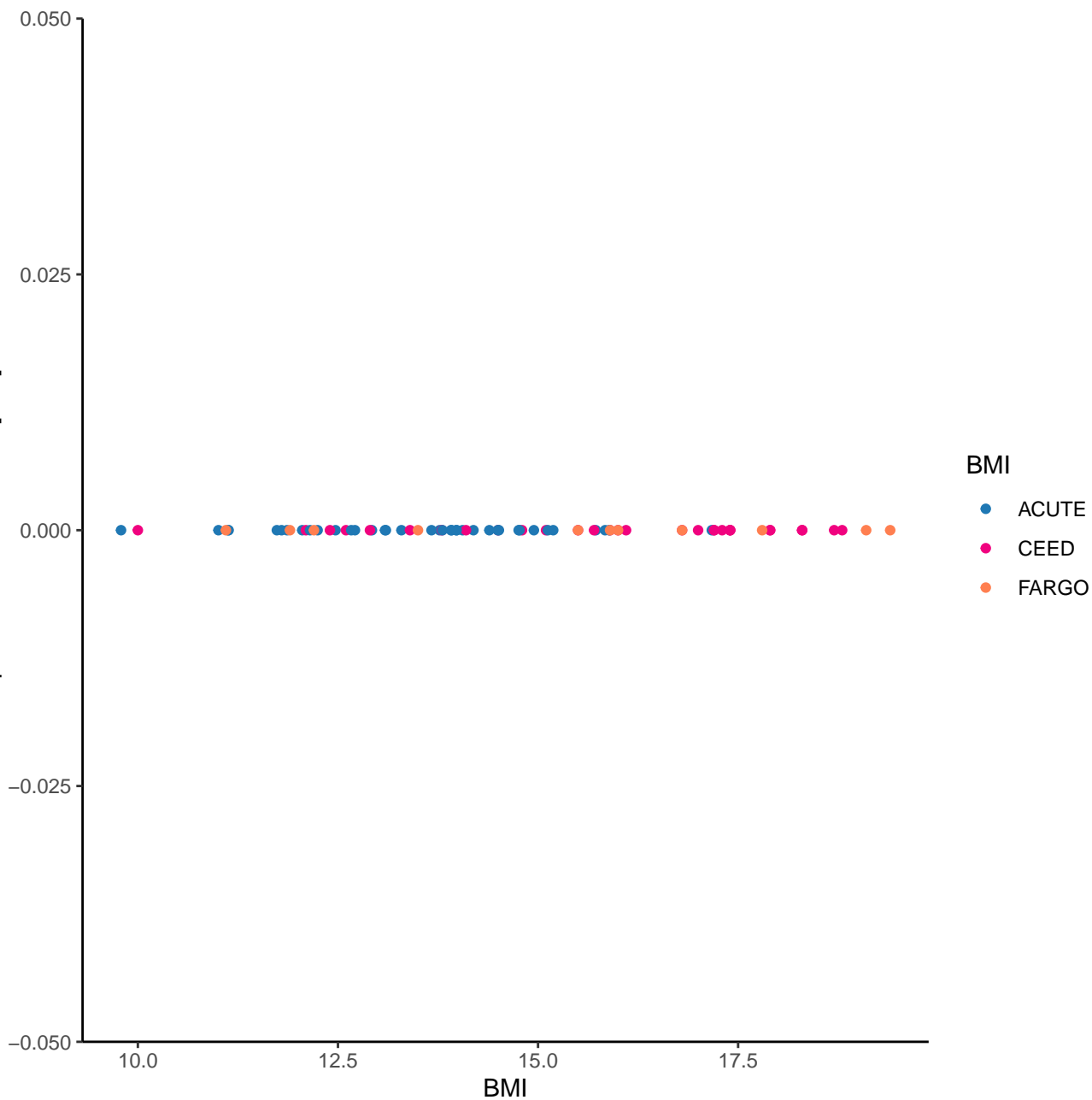


species: g__Muribaculaceae (UB*)[86]

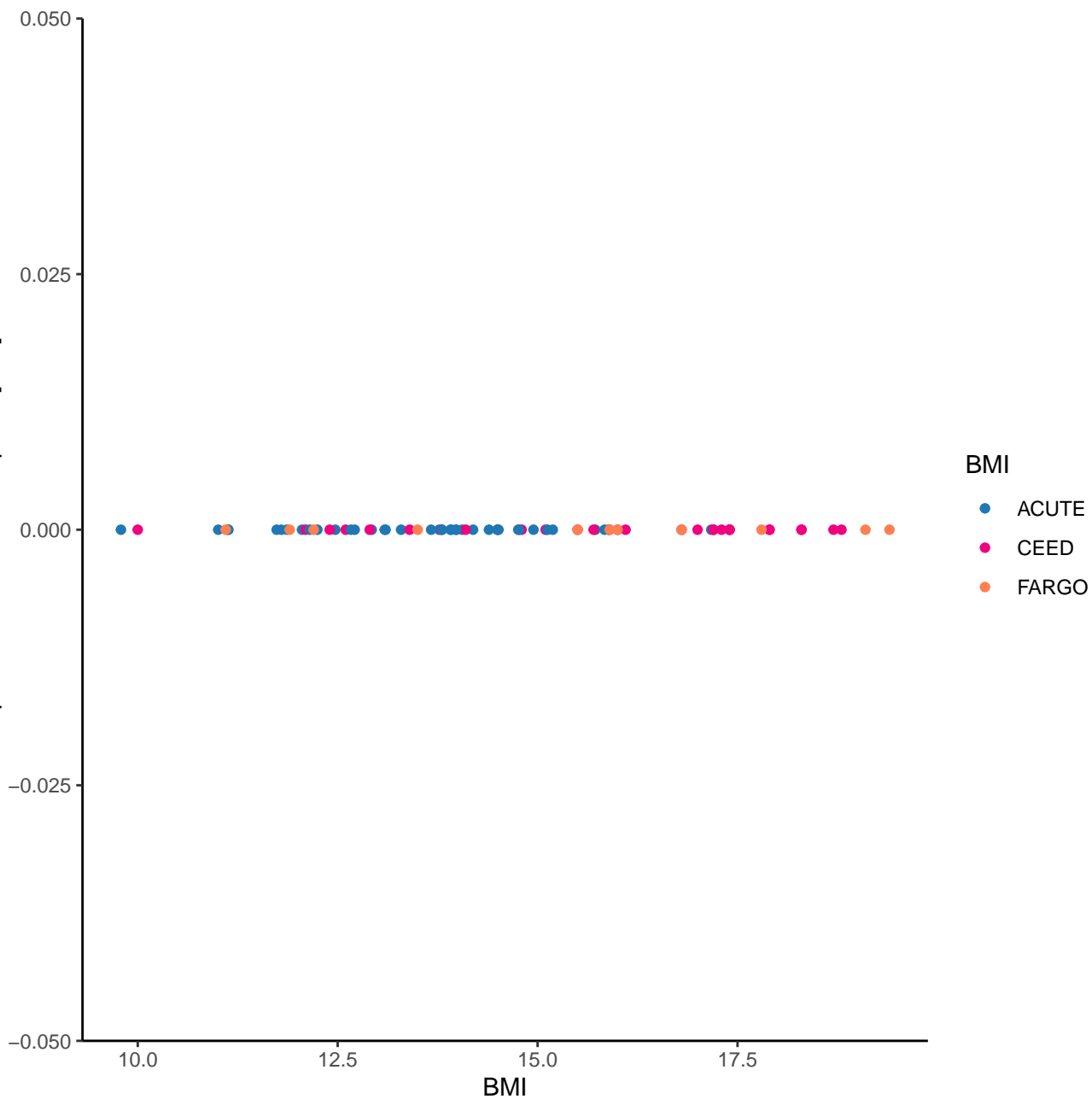




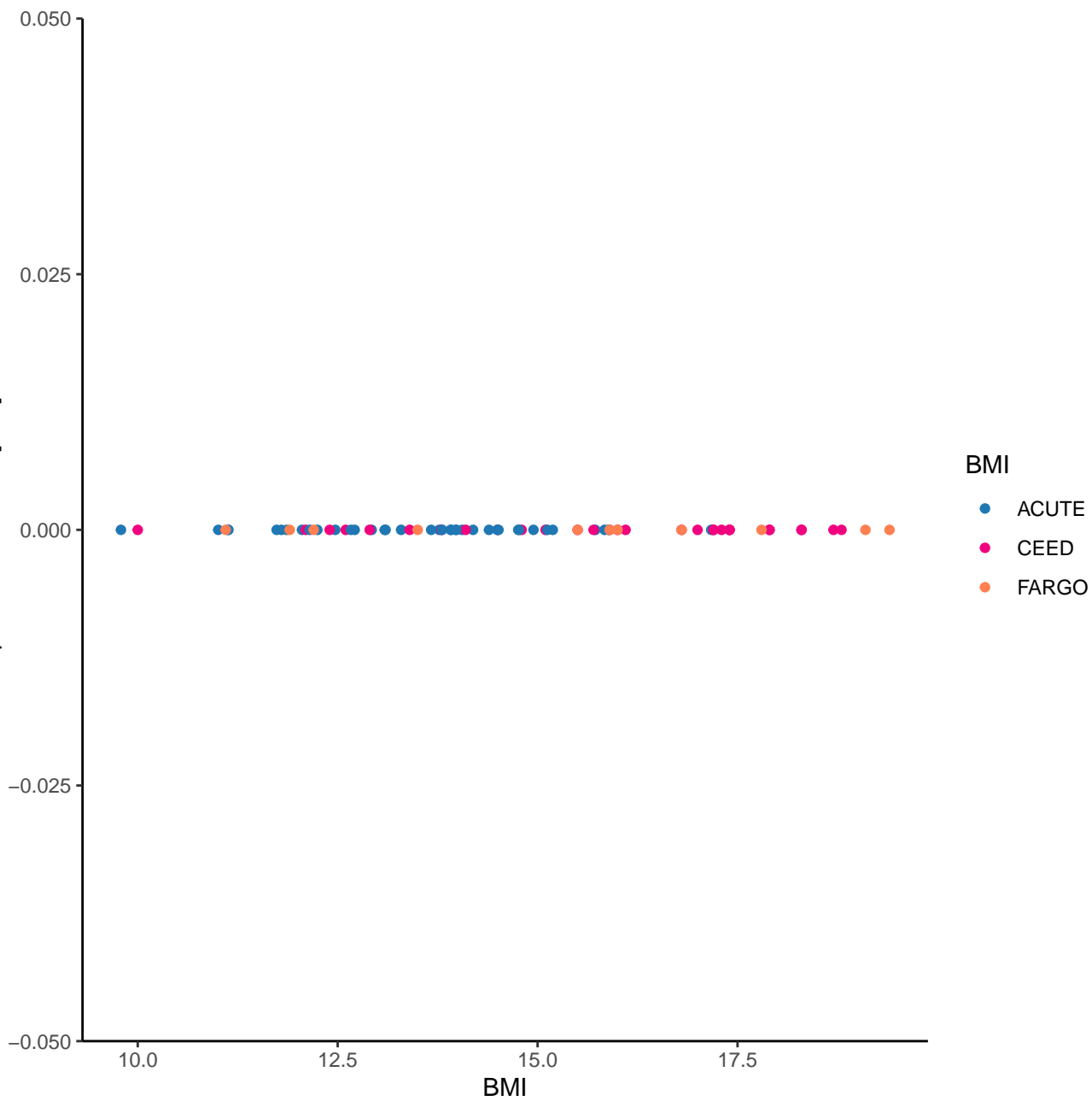
species: Pseudomonas.[115]

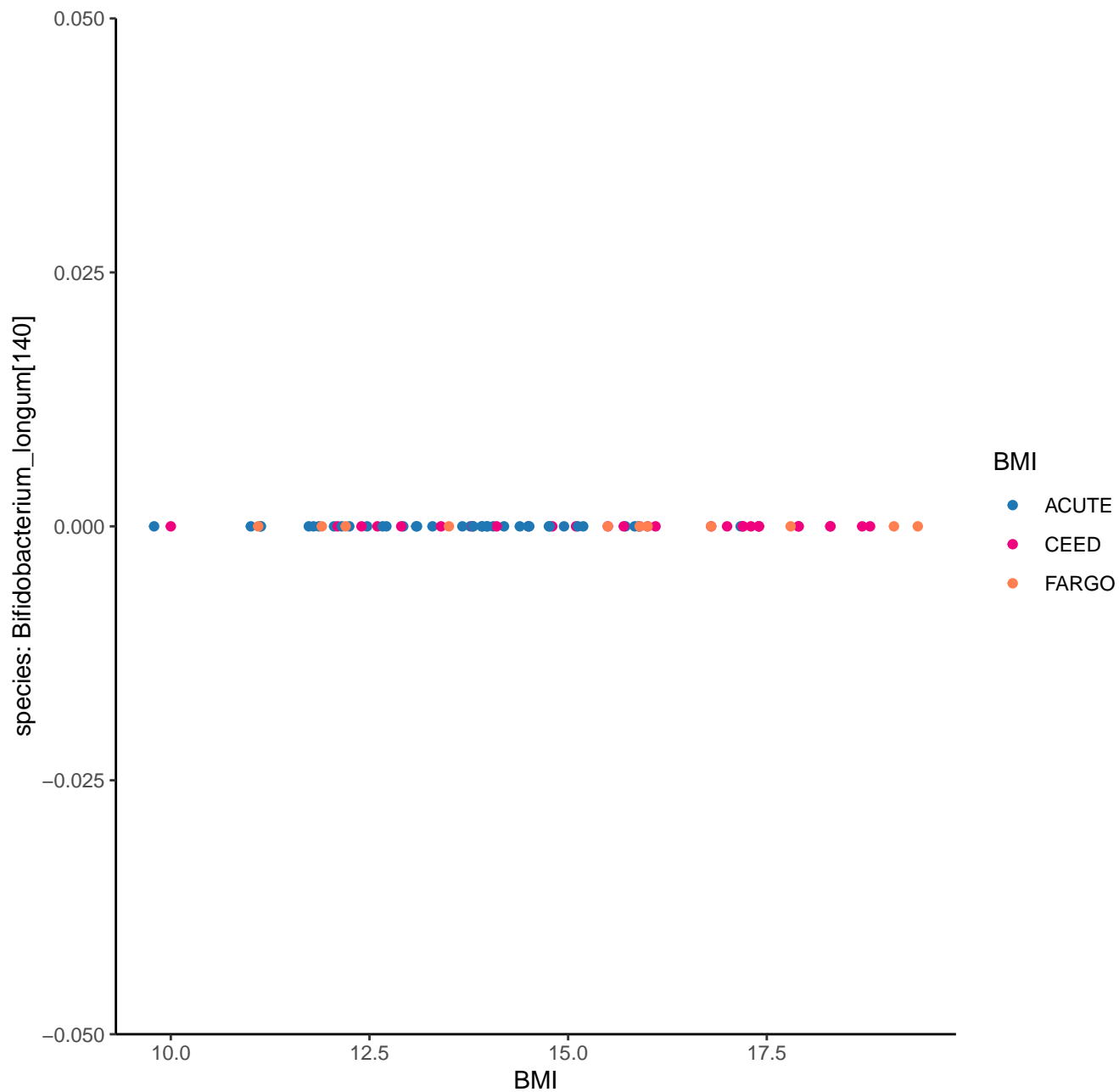


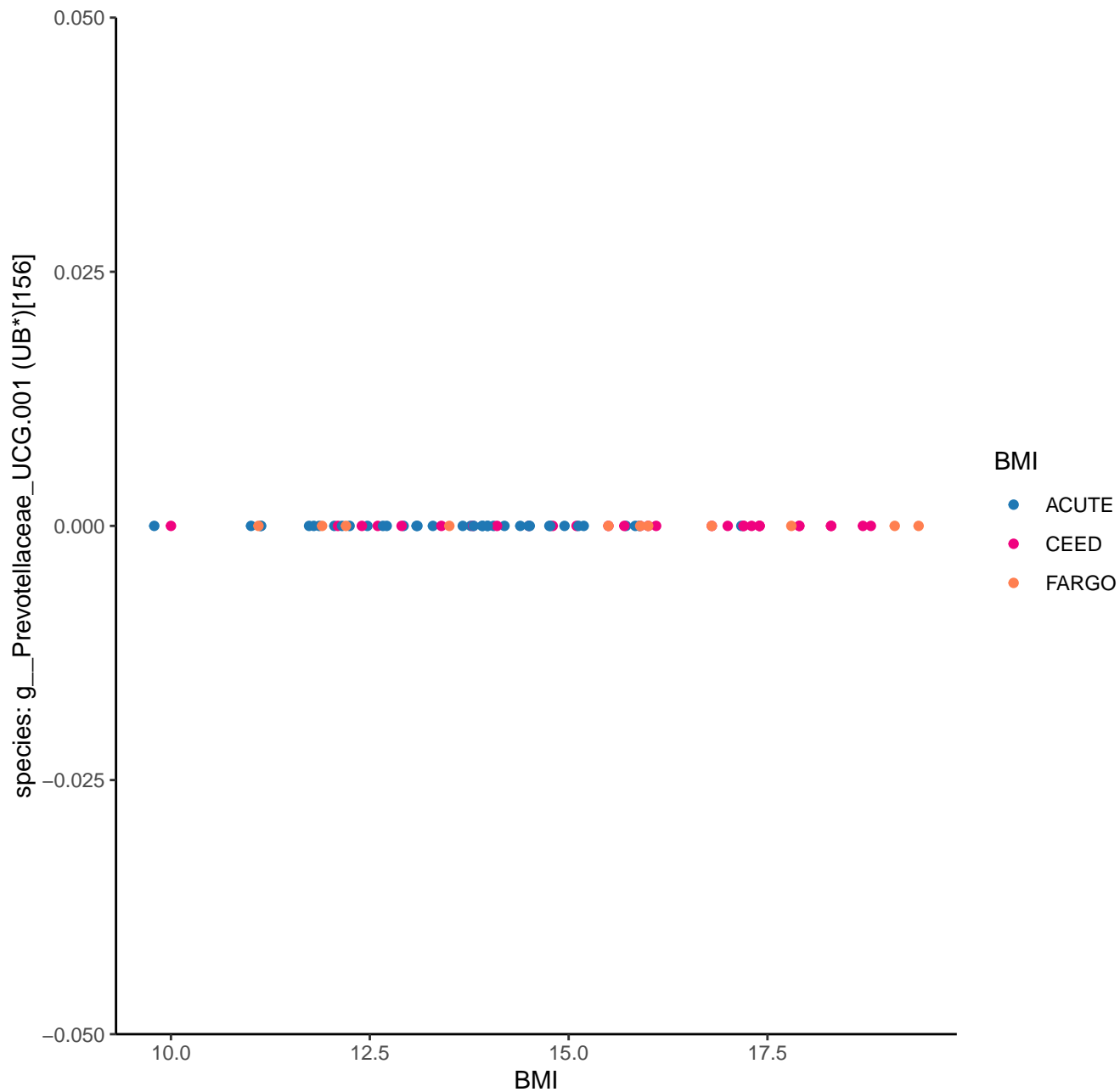
species: Flaviufractor_plautii[123]



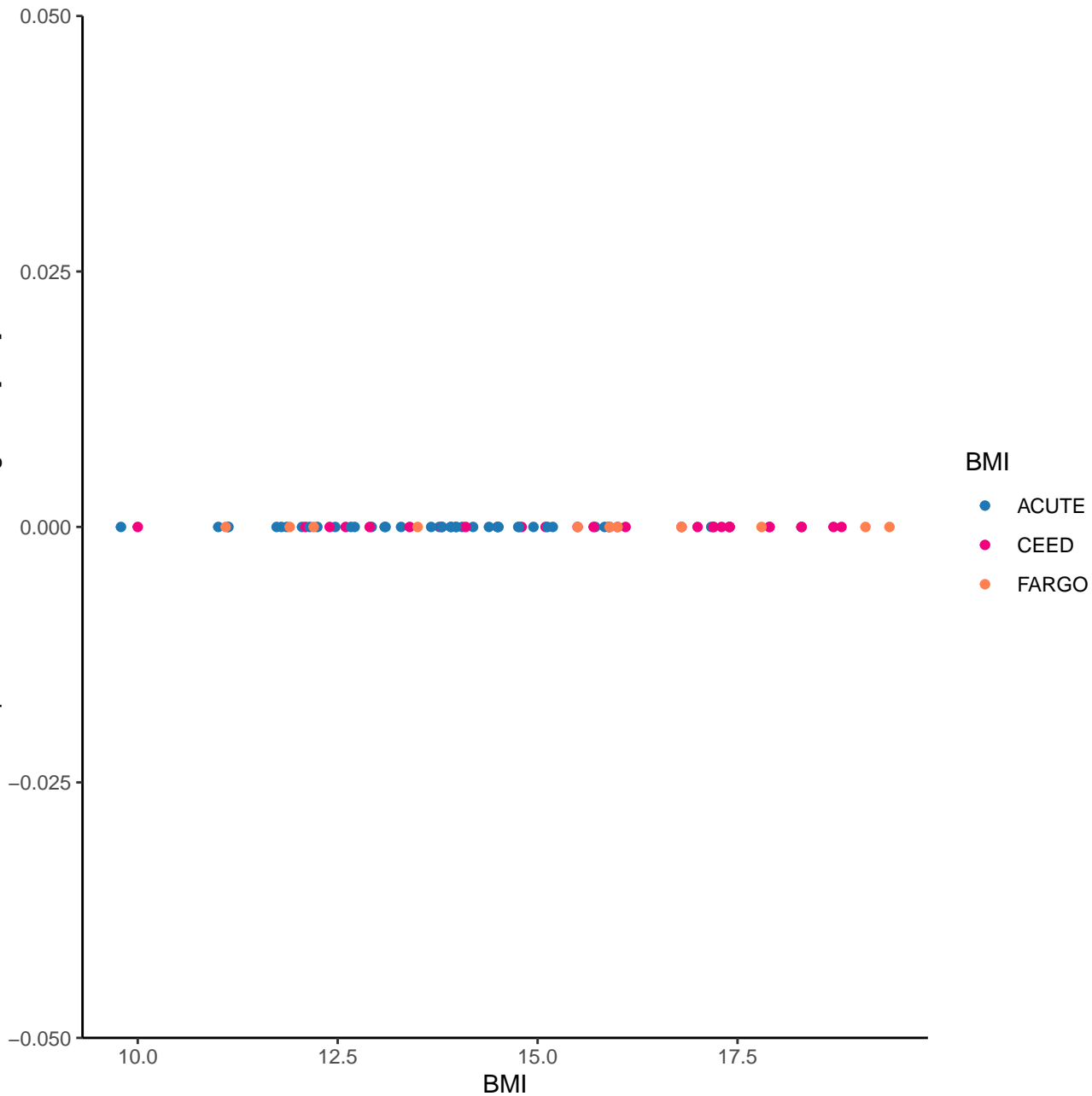
species: UCG.002.[137]







species: uncultured_organism[170]



species: g__Escherichia.Shigella (UB*)[174]

